BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-EEA1 Rabbit Monoclonal Antibody

**Catalog Number:** M02296

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## Overview

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|---|---|
| Product Name | Anti-EEA1 Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-EEA1 Rabbit Monoclonal Antibody catalog # M02296. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | IF, IHC, ICC, WB |
| Clonality | Monoclonal ECH-5 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q15075 |

## Technical Details

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| Immunogen | A synthesized peptide derived from human EEA1 |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB, 1:500-2000 |

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| | |
|---|---|
| | IHC, 1:50-200<br>ICC/IF, 1:50-200 |

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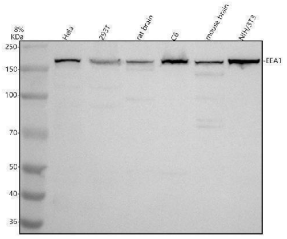
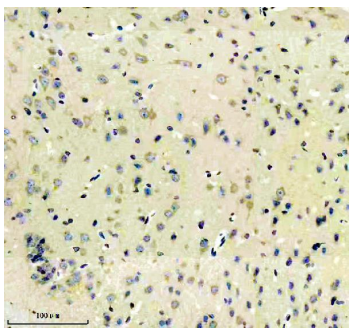
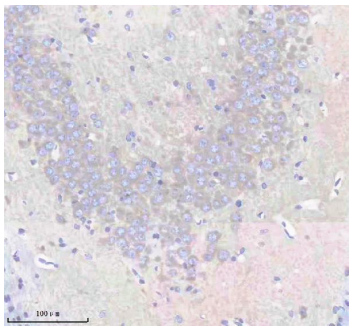
# Anti-EEA1 Rabbit Monoclonal Antibody (M02296) Images



Western blot analysis of EEA1 using anti-EEA1 antibody (M02296). Electrophoresis was performed on a 8% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: rat brain tissue lysates, Lane 4: rat C6 whole cell lysates, Lane 5: mouse brain tissue lysates, Lane 6: mouse NIH/3T3 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-EEA1 antigen affinity purified monoclonal antibody (M02296) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for EEA1 at approximately 162 kDa. The expected band size for EEA1 is at 162 kDa.



IHC analysis of EEA1 using anti-EEA1 antibody (M02296). EEA1 was detected in a paraffin-embedded section of mouse brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-EEA1 Antibody (M02296) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



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IHC analysis of EEA1 using anti-EEA1 antibody (M02296). EEA1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue

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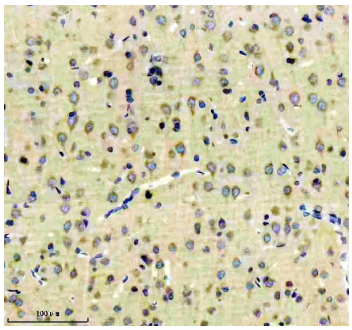

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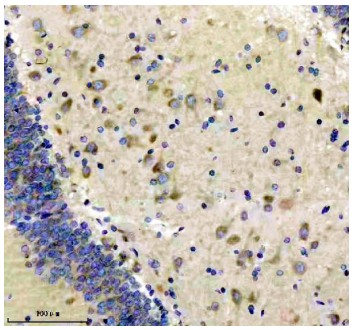

IHC analysis of EEA1 using anti-EEA1 antibody (M02296). EEA1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-EEA1 Antibody (M02296) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

## 1 Publications Citing This Product

1. PubMed ID: 31442368, Ji S,Dong W,Qi Y,Gao H,Zhao D,Xu M,Li T,Yu H,Sun Y,Ma R,Shi J,Gao C.Phagocytosis by endothelial cells inhibits procoagulant activity of platelets of essential thrombocythemia in vitro. J Thromb Haemost. 2020 Jan;18(1):222-233.doi: 10.1111/jth.14617.Epub 2

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