

Anti-HEXIM1 Antibody Picoband®

Catalog Number: A02321-2

About HEXIM1

Expression of this gene is induced by hexamethylene-bis-acetamide in vascular smooth muscle cells. This gene has no introns.

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Overview

Product Name	Anti-HEXIM1 Antibody Picoband®
Reactive Species	Human, Monkey
Description	Boster Bio Anti-HEXIM1 Antibody Picoband® catalog # A02321-2. Tested in WB, IHC, IP applications. This antibody reacts with Human, Monkey. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IP, IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O94992

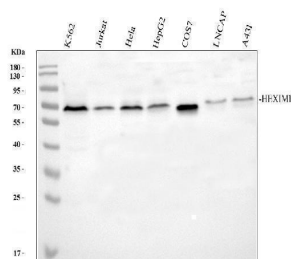
Technical Details

Immunogen	E.coli-derived human HEXIM1 recombinant protein (Position: M1-K356).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

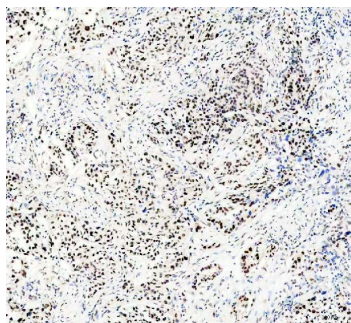
Suggested Dilutions

Western blot, 0.25-0.5 ug/ml, Human, Monkey
Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Human
Immunoprecipitation, 0.5-2 ug/ml, Human

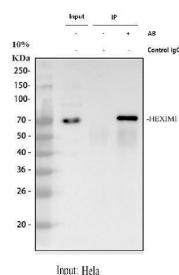
Anti-HEXIM1 Antibody Picoband® (A02321-2) Images



Western blot analysis of HEXIM1 using anti-HEXIM1 antibody (A02321-2). Electrophoresis was performed on a 10% 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 K562 whole cell lysates, Lane 2: human Jurkat whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: human HepG2 whole cell lysates, Lane 5: monkey COS-7 whole cell lysates, Lane 6: human LNCAP whole cell lysates, Lane 7: human A431 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-HEXIM1 antigen affinity purified polyclonal antibody (A02321-2) at 0.5 ug/mL 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 HEXIM1 at approximately 70 kDa. The expected band size for HEXIM1 is at 41 kDa.



IHC analysis of HEXIM1 using anti-HEXIM1 antibody (A02321-2). HEXIM1 was detected in a paraffin-embedded section of human lung cancer 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 2 ug/ml rabbit anti-HEXIM1 Antibody (A02321-2) 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.



Immunoprecipitating (IP) HEXIM1 in Hela whole cell lysate. Western blot analysis of HEXIM1 using anti-HEXIM1 antibody (A02321-2); Lane 1: Hela whole cell lysates (30ug); Lane 2: Rabbit control IgG instead of anti-HEXIM1 antibody in Hela whole cell lysate; Lane 3: anti-HEXIM1 antibody (2ug) + Hela whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-HEXIM1 antigen affinity purified polyclonal antibody (A02321-2) at a dilution of 0.5 ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (Light Chain). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1196-200). A specific band was detected for HEXIM1 at approximately 70 kDa. The expected band size for HEXIM1 is at 41 kDa.

Anti-HEXIM1 Antibody

For Research Use Only. Not for use in diagnostic procedures.