

## Anti-ENTPD2 Antibody (N-term)

Catalog Number: A07914-1

### About ENTPD2

ENTPD2 is the type 2 enzyme of the ecto-nucleoside triphosphate diphosphohydrolase family (E-NTPDase). E-NTPDases are a family of ecto-nucleosidases that hydrolyze 5'-triphosphates. This ecto-ATPase is an integral membrane protein.

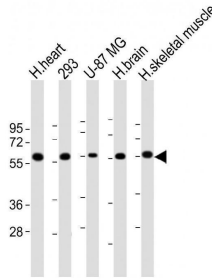
### Overview

Product Name	Anti-ENTPD2 Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-ENTPD2 Antibody (N-term) (Catalog # A07914-1). Tested in WB, IHC-P, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y5L3

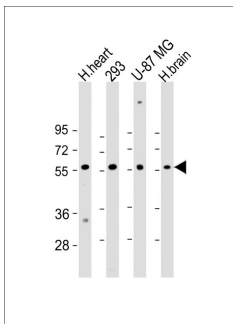
### Technical Details

Immunogen	This ENTPD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-113 amino acids from the N-terminal region of human ENTPD2.
Predicted Reactive Species	Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:50-1:100 FC: 1:25

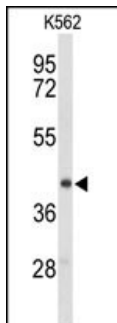
## Anti-ENTPD2 Antibody (N-term) (A07914-1) Images



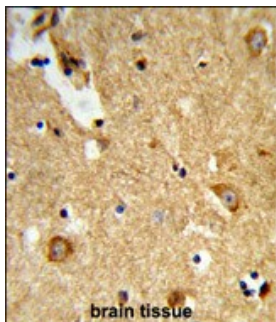
All lanes : Anti-ENTPD2 Antibody at 1:1000 dilution  
Lane 1: human heart lysate  
Lane 2: 293 whole cell lysate  
Lane 3: U-87 MG whole cell lysate  
Lane 4: human brain lysate  
Lane 5: human skeletal muscle lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-ENTPD2 Antibody (N-term) at 1:2000 dilution  
Lane 1: H.heart lysate  
Lane 2: 293 whole cell lysate  
Lane 3: U-87 MG whole cell lysate  
Lane 4: H.brain whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.

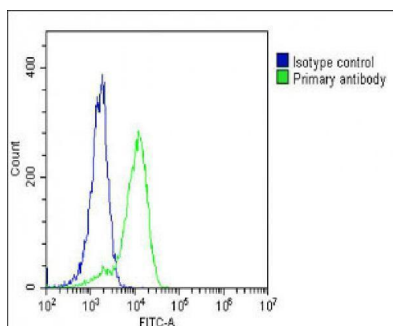


Western blot analysis of ENTDP2 Antibody (N-term) in K562 cell line lysates (35ug/lane). ENTDP2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with ENTDP2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Overlay histogram showing K562 cells stained with A07914-1 (green line). The cells were fixed with 2% paraformaldehyde (10 min). The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (A07914-1, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated



Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C.  
Isotype control antibody (blue line) was rabbit IgG1  
(1g/1x10<sup>6</sup> cells) used under the same conditions.  
Acquisition of >10,000 events was performed.

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