

Ighmbp2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11365**Specification**

Ighmbp2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P40694
Other Accession	NM_009212 , NP_033238
Reactivity	Human, Mouse, Rat, Bovine, Dog
Predicted	Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109kDa KDa

Ighmbp2 antibody - N-terminal region - Additional Information

Alias Symbol	AEP, Catf1, RIPE3b1, Smbp-2, Smbp2, Smubp2, nmd, sma
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Other Names

DNA-binding protein SMUBP-2, 3.6.4.12, 3.6.4.13, ATP-dependent helicase IGHMBP2, Cardiac transcription factor 1, CATF1, Immunoglobulin mu-binding protein 2, Ighmbp2, Smbp-2, Smbp2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Ighmbp2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Ighmbp2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Ighmbp2 antibody - N-terminal region - Protein Information

Name Ighmbp2

Synonyms Smbp-2, Smbp2

Function

5' to 3' helicase that unwinds RNA and DNA duplexes in an ATP-dependent reaction (PubMed:22965130, PubMed:8493094). Specific to 5'-phosphorylated single-stranded guanine-rich sequences (PubMed:8493094). May play a role in RNA metabolism, ribosome biogenesis or initiation of translation (PubMed:19158098, PubMed:19158098).

[19299493](http://www.uniprot.org/citations/19299493)). May play a role in regulation of transcription (By similarity). Interacts with tRNA-Tyr (PubMed:[19299493](http://www.uniprot.org/citations/19299493)).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P38935}. Cytoplasm. Cell projection, axon

Tissue Location

In all tissues examined.

Ighmbp2 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Ighmbp2 antibody - N-terminal region - Images

WB Suggested Anti-Ighmbp2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Mouse Heart