

SMUBP2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54619**Specification**

SMUBP2 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	P38935
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109149

SMUBP2 Polyclonal Antibody - Additional Information**Gene ID** 3508**Other Names**

DNA-binding protein SMUBP-2, 3.6.4.12, 3.6.4.13, ATP-dependent helicase IGHMBP2, Glial factor 1, GF-1, Immunoglobulin mu-binding protein 2, IGHMBP2, SMBP2, SMUBP2

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SMUBP2 Polyclonal Antibody - Protein Information**Name** IGHMBP2**Synonyms** SMBP2, SMUBP2**Function**

5' to 3' helicase that unwinds RNA and DNA duplexes in an ATP-dependent reaction (PubMed:[19158098](http://www.uniprot.org/citations/19158098), PubMed:[22999958](http://www.uniprot.org/citations/22999958), PubMed:[30218034](http://www.uniprot.org/citations/30218034)). Specific to 5'-phosphorylated single-stranded guanine-rich sequences (PubMed:[22999958](http://www.uniprot.org/citations/22999958), PubMed:[8349627](http://www.uniprot.org/citations/8349627)). May play a role in RNA metabolism, ribosome biogenesis or initiation of translation (PubMed:[19158098](http://www.uniprot.org/citations/19158098), PubMed:[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. Cytoplasm. Cell projection, axon {ECO:0000250|UniProtKB:P40694}

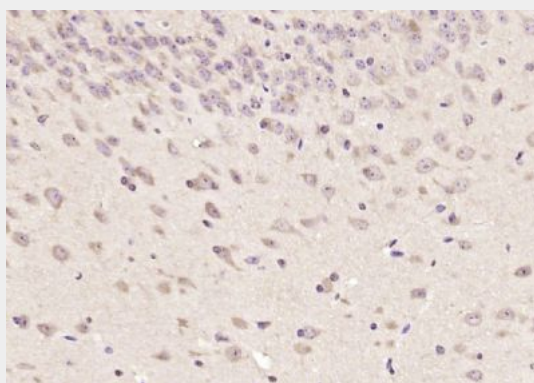
Tissue Location

Expressed in all tissues examined. Expressed in the developing and adult human brain, with highest expression in the cerebellum. Moderately expressed in fibroblasts

SMUBP2 Polyclonal Antibody - 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](#)

SMUBP2 Polyclonal Antibody - Images

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SMUBP2) Polyclonal Antibody, Unconjugated (bs-11757R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.