

DATASHEET

IGHMBP2 Rabbit Polyclonal Antibody

CAT. NO. APA15898

KEY FEATURES

Target	IGHMBP2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

5' to 3' helicase that unwinds RNA and DNA duplexes in an ATP-dependent reaction . Specific to 5'-phosphorylated single-stranded guanine-rich sequences . May play a role in RNA metabolism, ribosome biogenesis or initiation of translation . May play a role in regulation of transcription . Interacts with tRNA-Tyr .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to IGHMBP2
Specificity	Recognizes endogenous levels of IGHMBP2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human IGHMBP2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 109 kD; Observed: 109 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	SMBP2; SMUBP2; DNA-binding protein SMUBP-2; ATP-dependent helicase IGHMBP2; Glial factor 1; GF-1; Immunoglobulin mu-binding protein 2
Gene Symbol	IGHMBP2
Entrez Gene	3508(Human); 20589(Mouse); 29532(Rat)
SwissProt	P38935(Human); P40694(Mouse); Q9EQN5(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

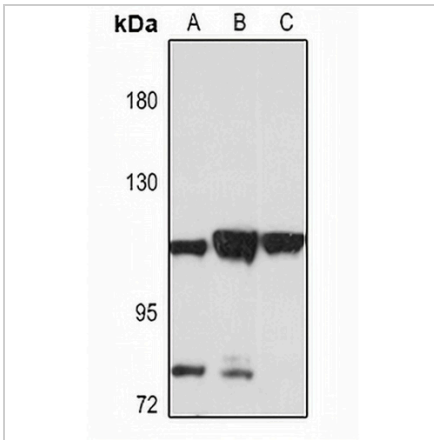
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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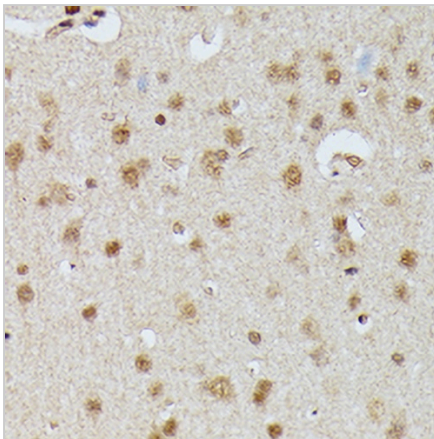
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DATA



Western blot analysis of IGHMBP2 expression in HepG2 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 109 kD; Observed band size: 109 kD)



Immunohistochemical analysis of IGHMBP2 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.