

Rabbit IGHMBP2 Polyclonal Antibody | anti-IGHMBP2 antibody

IGHMBP2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281611	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

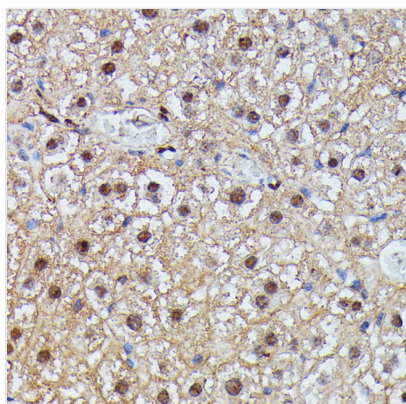
PRODUCT SYNONYMS

IGHMBP2; Polyclonal Antibody; IGHMBP2 Rabbit pAb; CATF1; CMT2S; HCSA; HMN6; SMARD1; SMUBP2; ZFAND7; anti-IGHMBP2 antibody

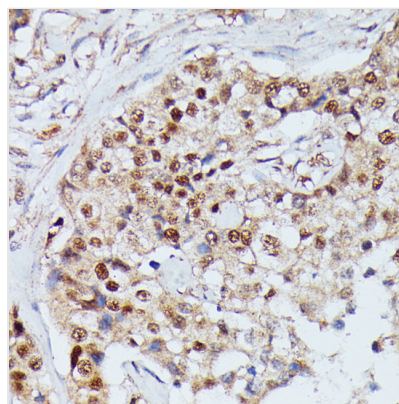
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	PYNLQVDLLR QSLVHRHPEL EIKSVDGFQG REKEAVLSF VRSNRKGEVG FLAEDRRINV AVTRARRHVA VICDSRTVNN HAFCLKLVEY FTQHGEVRTA FEYLLDDIVPE NYSHENSQGS SHAATKPQGP ATSTRTGSQR QEGGQEAAP ARQGRKKPAG KSLASEAPSQ PSLNGGSPEG V
Applicable Applications for anti-IGHMBP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 540-720 of human IGHMBP2 (NP_002171.2).
Cellular Location	Cell projection, Cytoplasm, Nucleus, axon
Positive Samples	HepG2, A-549, Mouse brain, Mouse testis, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

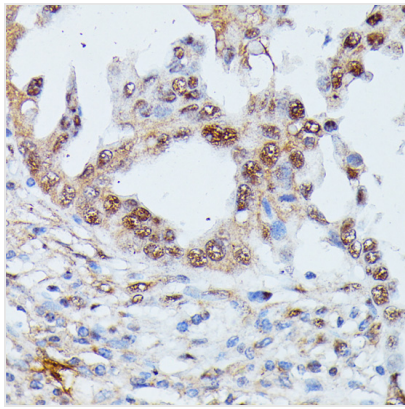
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using IGHMBP2 antibody at dilution of 1:100 (40x lens).

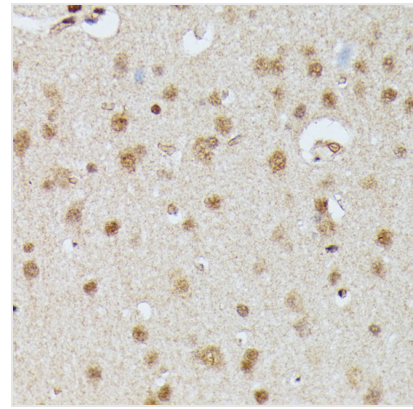

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human mammary cancer using IGHMBP2 antibody at dilution of 1:100 (40x lens).



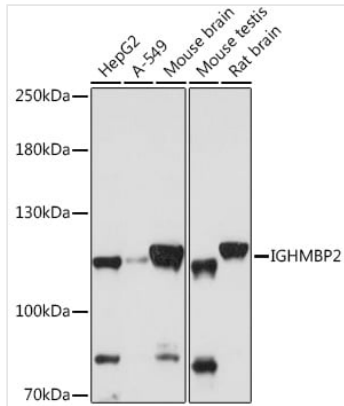
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using IGHMBP2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using IGHMBP2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using IGHMBP2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-IGHMBP2 antibody

Background: This gene encodes a helicase superfamily member that binds a specific DNA sequence from the immunoglobulin mu chain switch region. Mutations in this gene lead to spinal muscle atrophy with respiratory distress type 1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392094
NCBI GeneID	3508
NCBI Accession #	NP_002171.2
NCBI GenBank Nucleotide #	NM_002180.2
UniProt Accession #	P38935 ; Q00443 ; Q14177 ; A0PJD2
Molecular Weight	109,149 Da
NCBI Official Full Name	DNA-binding protein SMUBP-2
NCBI Official Synonym Full Names	immunoglobulin mu binding protein 2
NCBI Official Symbol	IGHMBP2
NCBI Official Synonym Symbols	HCSA; HMN6; CATF1; SMARD1; SMUBP2; ZFAND7

NCBI Protein Information	DNA-binding protein SMUBP-2; GF-1; glial factor 1; ATP-dependent helicase IGHMBP2; cardiac transcription factor 1; zinc finger, AN1-type domain 7; immunoglobulin mu-binding protein 2
UniProt Protein Name	DNA-binding protein SMUBP-2
UniProt Gene Name	IGHMBP2
UniProt Synonym Gene Names	SMBP2; SMUBP2; GF-1
UniProt Entry Name	SMBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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