

Rabbit Alpha-crystallin B Polyclonal Antibody | anti-CRYAB antibody

Rabbit anti-Alpha-crystallin B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223511	Rabbit	Human, Mouse, Rat, Bovine, Monkey, Pig, Sheep	Immunohistochemistry, Western Blot

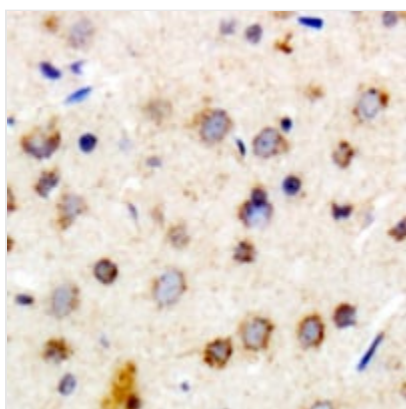
PRODUCT SYNONYMS

Alpha-crystallin B; Polyclonal Antibody; Rabbit anti-Alpha-crystallin B Antibody; CRYA2; Alpha-crystallin B chain; Alpha(B)-crystallin; Heat shock protein beta-5; HspB5; Renal carcinoma antigen NY-REN-27; Rosenthal fiber component; anti-CRYAB antibody

PRODUCT SPECIFICATIONS

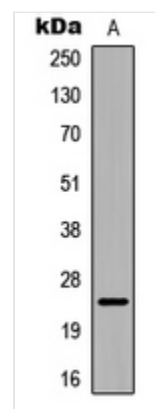
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Pig, Sheep
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CRYAB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Alpha-crystallin B. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Alpha-crystallin B staining in human 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.



WB (Western Blot)

Western blot analysis of Alpha-crystallin B expression in K562 (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CRYAB antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503057
NCBI GeneID	1410
NCBI Accession #	NP_001876.1
NCBI GenBank Nucleotide #	NM_001885.1
UniProt Accession #	P02511; P23927; P23928
Molecular Weight	20,159 Da
NCBI Official Full Name	alpha-crystallin B chain
NCBI Official Synonym Full Names	crystallin, alpha B
NCBI Official Symbol	CRYAB
NCBI Official Synonym Symbols	CRYA2; CTPP2; HSPB5; CMD1II
NCBI Protein Information	alpha-crystallin B chain; heat shock protein beta-5; rosenthal fiber component; heat-shock 20 kD like-protein; renal carcinoma antigen NY-REN-27
UniProt Protein Name	Alpha-crystallin B chain
UniProt Gene Name	CRYAB
UniProt Synonym Gene Names	CRYA2; HspB5
UniProt Entry Name	CRYAB_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-crystallin-b-antibody-immunohistochemistry-western-blot-elisa/223511>