

Rabbit CRYM Polyclonal Antibody | anti-CRYM antibody

CRYM Polyclonal Antibody

CATALOG # AAA37466	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

CRYM; Polyclonal Antibody; CRYM Polyclonal Antibody; THBP; DFNA40; anti-CRYM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	314
Applicable Applications for anti-CRYM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CRYM
Calculated Molecular Weight	34kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemisry)

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



IHC (Immunohiostchemistry)

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



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CRYM antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CRYM antibody	Crystallins are separated into two classes: taxon-specific and ubiquitous. The former class is also called phylogenetically-restricted crystallins. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. This gene encodes a taxon-specific crystallin protein that binds NADPH and has sequence similarity to bacterial ornithine cyclodeaminases. The encoded protein does not perform a structural role in lens tissue, and instead it binds thyroid hormone for possible regulatory or developmental roles. Mutations in this gene have been associated with autosomal dominant non-syndromic deafness. Multiple alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-CRYM antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	2498259
NCBI GeneID	1428
UniProt Accession #	Q14894; Q5HYB7; D5MNX0
Molecular Weight	314
NCBI Official Full Name	Ketimine reductase mu-crystallin
NCBI Official Synonym Full Names	crystallin, mu
NCBI Official Symbol	CRYM
NCBI Official Synonym Symbols	THBP; DFNA40
NCBI Protein Information	ketimine reductase mu-crystallin; mu-crystallin homolog; thiomorpholine-carboxylate dehydrogenase; NADP-regulated thyroid-hormone binding protein
UniProt Protein Name	Ketimine reductase mu-crystallin
UniProt Gene Name	CRYM
UniProt Synonym Gene Names	THBP
UniProt Entry Name	CRYM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/crym-antibody-immunohistochemistry-western-blot-elisa/37466>