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CRYM Antibody (clone 6B3)

Mouse Monoclonal Antibody

Catalog # ALS13294

Specification

CRYM Antibody (clone 6B3) - Product Information

Application	**WB, IHC**
Primary Accession	Q14894
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**34kDa KDa**

CRYM Antibody (clone 6B3) - Additional Information

Gene ID 1428

Other Names
Ketimine reductase mu-crystallin, 1.5.1.25, NADP-regulated thyroid-hormone-binding protein, CRYM, THBP

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
CRYM Antibody (clone 6B3) is for research use only and not for use in diagnostic or therapeutic procedures.

CRYM Antibody (clone 6B3) - Protein Information

Name CRYM

Synonyms THBP

Function
Specifically catalyzes the reduction of imine bonds in brain substrates that may include cystathionine ketimine (CysK) and lanthionine ketimine (LK). Binds thyroid hormone which is a strong reversible inhibitor. Presumably involved in the regulation of the free intracellular concentration of triiodothyronine and access to its nuclear receptors.

Cellular Location
Cytoplasm.

Tissue Location
Expressed in neural tissue, muscle and kidney.

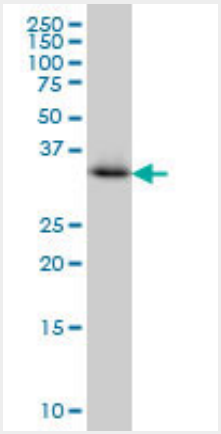
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CRYM Antibody (clone 6B3) - Protocols

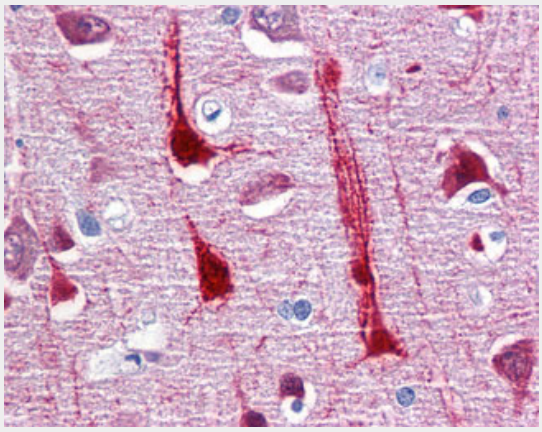
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CRYM Antibody (clone 6B3) - Images

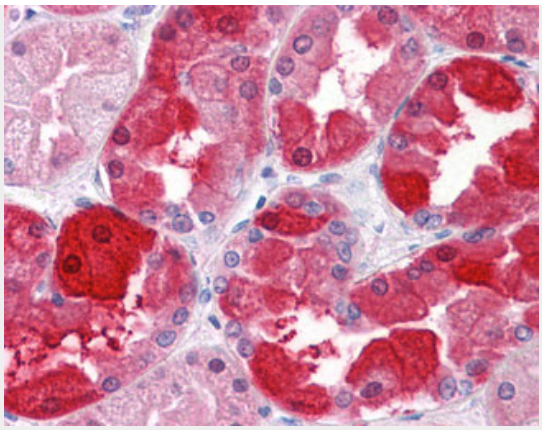


CRYM monoclonal antibody clone 6B3 Western blot of CRYM expression in Jurkat.



Anti-CRYM antibody IHC of human brain, cortex.

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Anti-CRYM antibody IHC of human kidney.

CRYM Antibody (clone 6B3) - Background

Specifically catalyzes the reduction of imine bonds in brain substrates that may include cystathionine ketimine (CysK) and lanthionine ketimine (LK). Binds thyroid hormone which is a strong reversible inhibitor. Presumably involved in the regulation of the free intracellular concentration of triiodothyronine and access to its nuclear receptors.

CRYM Antibody (clone 6B3) - References

Segovia L.,et al.Mol. Vis. 3:9-9(1997).
Vie M.-P.,et al.Mol. Endocrinol. 11:1728-1736(1997).
Sperbeck S.J.,et al.Submitted (DEC-1997) to the EMBL/GenBank/DDBJ databases.
Loftus B.J.,et al.Genomics 60:295-308(1999).
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