Product Datasheet

HEXA Antibody

Catalog No: #32945

Package Size: #32945-1 50ul #32945-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HEXA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HEXA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human HEXA (NP_000511.2).
Target Name	HEXA
Other Names	HEXA;TSD
Accession No.	Uniprot:P06865GeneID:3073
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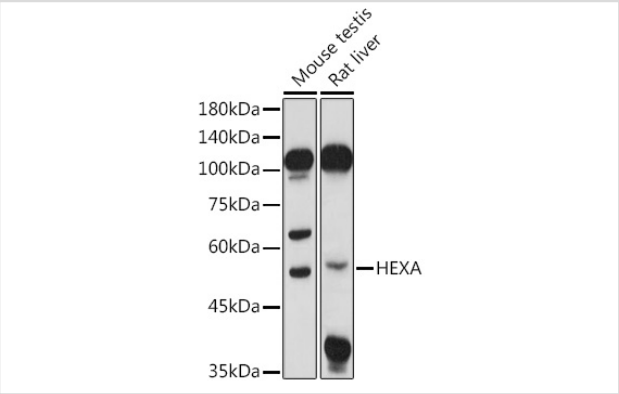
GeneID	3073
SDS-PAGE MW	55KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

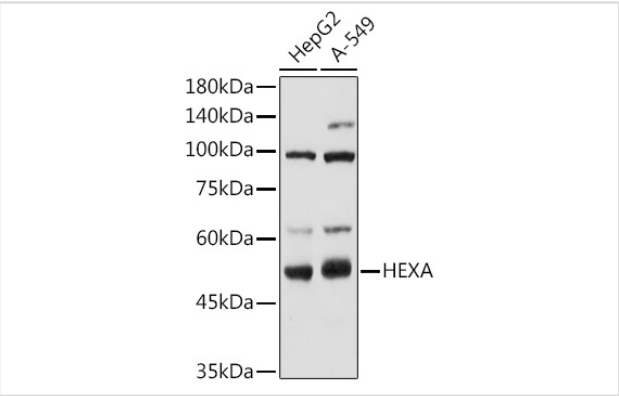
Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using HEXA antibody.



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Background

This gene encodes a member of the glycosyl hydrolase 20 family of proteins. The encoded preproprotein is proteolytically processed to generate the alpha subunit of the lysosomal enzyme beta-hexosaminidase. This enzyme, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Mutations in this gene lead to an accumulation of GM2 ganglioside in neurons, the underlying cause of neurodegenerative disorders termed the GM2 gangliosidoses, including Tay-Sachs disease (GM2-gangliosidosis type I). Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.

Note: This product is for in vitro research use only