

Datasheet for ABIN453676

anti-Hexosaminidase A antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Hexosaminidase A (HEXA)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human HEXA
Specificity:	This antibody reacts to HEXA.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	Hexosaminidase A (HEXA)
Alternative Name:	beta-Hexosaminidase alpha / HEXA (HEXA Products)
Background:	HEXA is the alpha subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl

Target Details

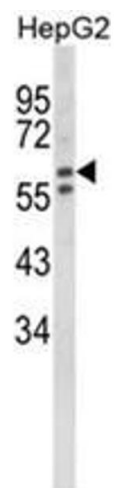
	hydrolases.Synonyms: Beta-N-acetylhexosaminidase subunit alpha, N-acetyl-beta-glucosaminidase subunit alpha
Gene ID:	3073
NCBI Accession:	NP_000511
UniProt:	P06865
Pathways:	Sensory Perception of Sound , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of HEXA Antibody (Center) in HepG2 cell line lysates (35ug/lane). HEXA (arrow) was detected using the purified Pab.