antibodies

Datasheet for ABIN7145507 anti-Hexosaminidase A antibody (AA 89-529)

3 Images



Overview

Quantity:	100 µg
Target:	Hexosaminidase A (HEXA)
Binding Specificity:	AA 89-529
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hexosaminidase A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

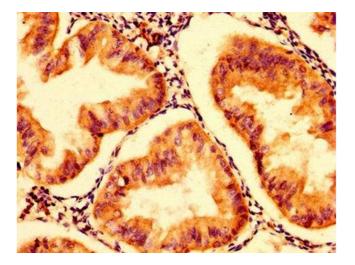
Immunogen:	Recombinant Human Beta-hexosaminidase subunit alpha protein (89-529AA)
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	Hexosaminidase A (HEXA)
Alternative Name:	HEXA (HEXA Products)
Background:	Background: Responsible for the degradation of GM2 gangliosides, and a variety of other
	molecules containing terminal N-acetyl hexosamines, in the brain and other tissues. The form B

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	is active against certain oligosaccharides. The form S has no measurable activity. Aliases: Beta hexosaminidase alpha chain precursor antibody, Beta hexosaminidase subunit alpha antibody, Beta N acetylhexosaminidase antibody, Beta N acetylhexosaminidase subunit alpha antibody, Beta-hexosaminidase A antibody, Beta-hexosaminidase subunit alpha antibody, Beta-N-acetylhexosaminidase subunit alpha antibody, Hexa antibody, HEXA_HUMAN antibody, Hexosaminidase A (alpha polypeptide) antibody, Hexosaminidase A alpha polypeptide antibody, Hexosaminidase A antibody, Hexosaminidase subunit A antibody, MGC99608 antibody, N acetyl beta glucosaminidase antibody, N acetyl beta glucosaminidase subunit alpha antibody,
	N-acetyl-beta-glucosaminidase subunit alpha antibody, TSD antibody
UniProt:	P06865
Pathways:	Sensory Perception of Sound, Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



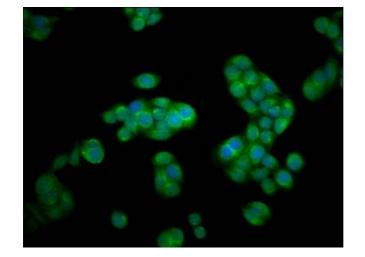
$120KD \rightarrow Br^{ain}$ $90KD \rightarrow 50KD \rightarrow 35KD \rightarrow 25KD \rightarrow 20KD \rightarrow 0$

Immunohistochemistry

Image 1. IHC image of ABIN7145507 diluted at 1:300 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: Rat brain tissue All lanes: HEXA antibody at 5.8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 61, 20 kDa Observed band size: 61 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of PC-3 cells with ABIN7145507 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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