

## Hexb rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A15582	Rabbit	1 mg/ml	63111
<b>Applications</b>	WB,IHC,IF,ELISA		
<b>Reactivity</b>	Human		
<b>Dilution</b>	WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. IF: 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	Hexb Polyclonal Antibody detects endogenous levels of Hexb protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HEXB. AA range:481-530		
<b>Uniprot No</b>	P07686		
<b>Alternative names</b>	HEXB; HCC7; Beta-hexosaminidase subunit beta; Beta-N-acetylhexosaminidase subunit beta; Hexosaminidase subunit B; Cervical cancer proto-oncogene 7 protein; HCC-7; N-acetyl-beta-glucosaminidase subunit beta		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	hexosaminidase subunit beta(HEXB) Homo sapiens Hexosaminidase B is the beta 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 hydrolases. Mutations in the alpha or beta subunit genes lead to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Beta subunit gene mutations lead to Sandhoff disease (GM2-gangliosidosis type II). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014],		
<b>Other</b>	HEXB, Beta-hexosaminidase subunit beta		

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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