

HEXB Antibody

Catalog No: #33657

Package Size: #33657-1 50ul #33657-2 100ul

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

Description

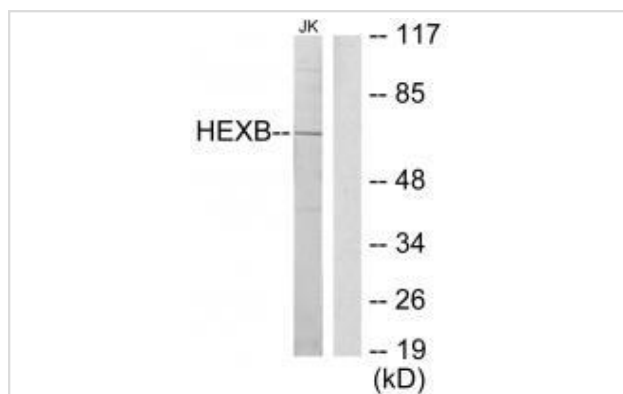
Product Name	HEXB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HEXB protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human HEXB.
Target Name	HEXB
Other Names	Beta-hexosaminidase beta chain [Precursor]; EC 3.2.1.52; N-acetyl-beta-glucosaminidase; Beta-N-acetylhexosaminidase; Hexosaminidase B
Accession No.	Swiss-Prot: P07686NCBI Gene ID: 3074
Uniprot	P07686
GeneID	3074;
SDS-PAGE MW	63kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

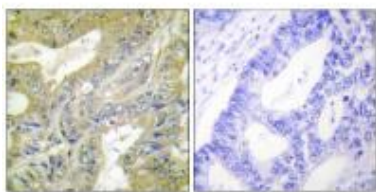
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Jurkat cells, using HEXB antibody #33657.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using HEXB antibody #33657.

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.

Korneluk R.G., J. Biol. Chem. 261:8407-8413(1986).

Neote K., Genomics 3:279-286(1988).

Proia R.L., Proc. Natl. Acad. Sci. U.S.A. 85:1883-1887(1988).

Note: This product is for in vitro research use only