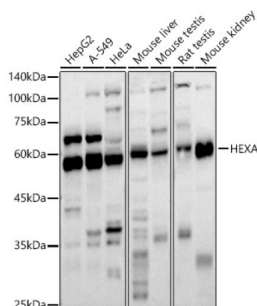


Beta-Hexosaminidase Subunit Alpha (HEXA) Antibody

Catalogue No.: abx004317



Western blot analysis of extracts of various cell lines using HEXA Antibody (1/1000 dilution).

HEXA Antibody is a Rabbit Polyclonal antibody against HEXA. This gene encodes 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 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. Alpha subunit gene mutations lead to Tay-Sachs disease (GM2-gangliosidosis type I).

Target: Beta-Hexosaminidase Subunit Alpha (HEXA)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human HEXA

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P06865 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 5.0.0

Revision date: 30 Sep 2025



Gene Symbol: HEXA

GeneID: [3073](#)

NCBI Accession: NP_000511.2

KEGG: hsa:3073

String: [9606.ENSP00000268097](#)

Molecular Weight: Calculated MW: 19 kDa/60 kDa
Observed MW: 55 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only