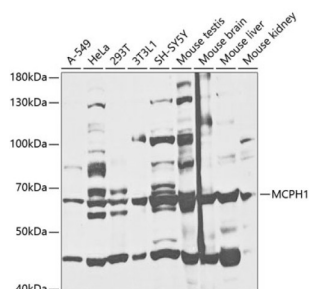


Microcephalin (MCPH1) Antibody

Catalogue No.: abx004192



Western blot analysis of extracts of various cell lines using MCPH1 Antibody (1/1000 dilution).

MCPH1 Antibody is a Rabbit Polyclonal antibody against MCPH1. This gene encodes a DNA damage response protein. The encoded protein may play a role in G2/M checkpoint arrest via maintenance of inhibitory phosphorylation of cyclin-dependent kinase 1. Mutations in this gene have been associated with primary autosomal recessive microcephaly 1 and premature chromosome condensation syndrome. Alternatively spliced transcript variants have been described.

Target: Microcephalin (MCPH1)

Clonality: Polyclonal

Reactivity: Human, Mouse

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 MCPH1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

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

UniProt Primary AC: Q8NEM0 ([UniProt](#), [ExPASy](#))

Gene Symbol: MCPH1

Datasheet

Version: 4.0.0

Revision date: 19 Aug 2025



GeneID: [79648](#)

NCBI Accession: NP_001166046.1

KEGG: hsa:79648

String: [9606.ENSP00000342924](#)

Molecular Weight: Calculated MW: 62 kDa/67 kDa/92 kDa
Observed MW: 60 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 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