

CBS

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 61kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CBS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HIP4;CBS;

Catalog #: A1427

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 875

Isotype: IgG

Swiss Prot: P35520

Purity: Affinity purification

For research use only.

Background:

The CBS gene encodes cystathionine beta-synthase, which catalyzes the first irreversible step of transsulfuration. The CBS enzyme is a homotetramer of 63-kD subunits and requires pyridoxal phosphate and heme for activity (PMID:11230183). CBS protein is localized in most areas of the brain, but predominantly in the cell bodies and neuronal processes of Purkinje cells and Ammon's horn neurons (PMID:12588964). This antibody is specific to CBS.

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