

## CBS

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**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;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A1427

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**875

**Isotype:**IgG

**Swiss Prot:**P35520

**Purity:**Affinity purification

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