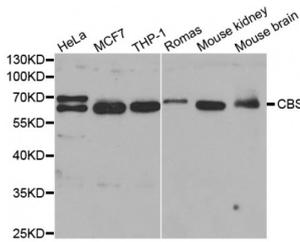


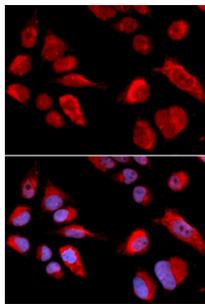
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Cystathionine-Beta-Synthase (CBS) Antibody

Catalogue No.: abx001233



Western blot analysis of extracts of various cell lines, using CBS antibody (abx001233) at 1/1000 dilution.



Immunofluorescence analysis of U2OS cells using CBS antibody (abx001233). Blue: DAPI for nuclear staining.

CBS Antibody is a Rabbit Polyclonal antibody against CBS. 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.

Target: CBS

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human CBS.

Purification: Affinity purified.

Form: Liquid

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Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 60 kDa/61 kDa Observed MW: 61 kDa
Swiss Prot:	P35520
GeneID:	875
Gene Symbol:	CBS
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.