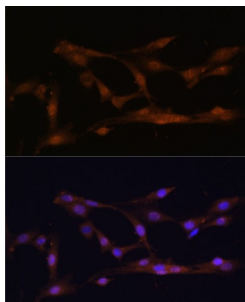


Cystathionine Beta-Synthase (CBS) Antibody

Catalogue No.: abx001233



Immunofluorescence analysis of C6 cells using CBS Antibody (1/100 dilution). 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:	Cystathionine Beta-Synthase (CBS)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IF/ICC
Host:	Rabbit
Recommended dilutions:	IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human CBS
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P35520 (UniProt , ExPASy)

Datasheet

Version: 3.0.0

Revision date: 15 Jun 2025



Gene Symbol: CBS

GeneID: [875](#)

NCBI Accession: NP_000062.1

KEGG: hsa:102724560, hsa:875

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