

Rabbit anti-Human CBS Monoclonal Antibody | anti-CBS antibody

CBS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312697	Rabbit	Human	Immunocytochemistry, Western Blot

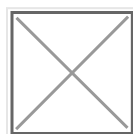
PRODUCT SYNONYMS

CBS; Monoclonal Antibody; CBS Antibody; AI047524 antibody; AI303044 antibody; Beta thionase antibody; Beta-thionase antibody; Cbs antibody; Cbs cystathionine beta-synthase antibody; CBS_HUMAN antibody; Cystathionine beta synthase antibody; Cystathionine beta-synthase antibody; EC 4.2.1.22 antibody; HIP 4 antibody; HIP4 antibody; Methylcysteine synthase antibody; MGC18856 antibody; MGC18895 antibody; MGC37300 antibody; OTTHUMP00000109416 antibody; OTTHUMP00000109418 antibody; Serine sulfhydryase antibody; anti-CBS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JE40-99
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CBS antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human CBS aa 400-550.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining CBS in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of CBS on different lysates using anti-CBS antibody at 1/1, 000 dilution. Positive control: Lane 1: 293 Lane 2: 293 Lane 3: human liver tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CBS antibody

Strongly expressed in human liver and pancreas, with weaker expression in heart and brain, the cytoplasmic protein cystathionine b-synthase (CBS) operates in the first step of homocysteine transulfuration. CBS, which belongs to the cysteine synthase/cystathionine b-synthase family of proteins, catalyzes the formation of cystathionine from the thrombogenic amino acid homocysteine using pyridoxal phosphate cofactor. Allosteric activation by adenosyl-methionine regulates CBS activity. Deficiencies in CBS are associated with homocystinuria, a recessively inherited error in sulfur amino acid metabolism that affects many organs and tissues. Symptoms of homocystinuria include arteriosclerosis, thrombosis, dislocated optic lenses, mental retardation and skeletal abnormalities.

NCBI AND UNIPROT INFORMATION

NCBI GI #	543959
NCBI GeneID	875
UniProt Accession #	P35520; Q99425; Q9BWC5; B2R993; D3DSK4
Molecular Weight	551
NCBI Official Full Name	Cystathionine beta-synthase
NCBI Official Synonym Full Names	cystathionine-beta-synthase
NCBI Official Symbol	CBS
NCBI Official Synonym Symbols	HIP4
NCBI Protein Information	cystathionine beta-synthase; beta-thionase; serine sulfhydrase; methylocysteine synthase
UniProt Protein Name	Cystathionine beta-synthase
UniProt Gene Name	CBS
UniProt Entry Name	CBS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cbs-antibody-clone-je40-99-immunocytochemistry-western-blot-elisa/312697>