

Rabbit CBS Polyclonal Antibody | anti-CBS antibody

CBS Polyclonal Antibody

CATALOG # AAA37091	HOST Rabbit	APPLICATIONS ELISA, Immunofluorescence, Immunocytochemistry, Western Blot
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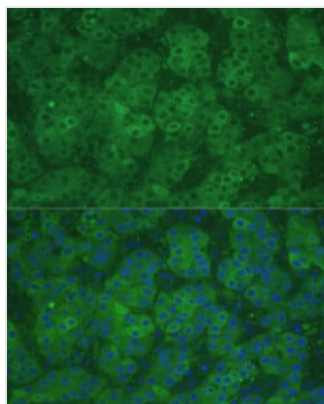
PRODUCT SYNONYMS

CBS; Polyclonal Antibody; CBS Polyclonal Antibody; HIP4; anti-CBS antibody

PRODUCT SPECIFICATIONS

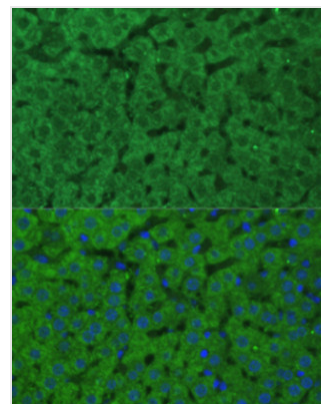
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS containing 50% glycerol, preserved with Proclin 300 or sodium azide, pH 7.3
Sequence Length	551
Applicable Applications for anti-CBS antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein (or fragment). This information is considered to be commercially sensitive.
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



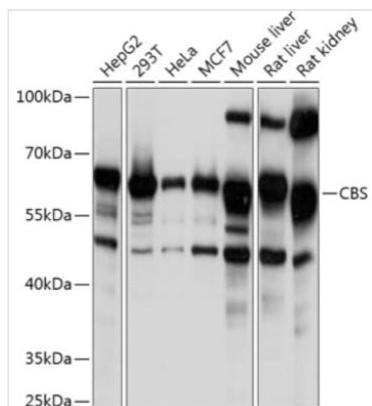
IF (Immunofluorescence)

Immunofluorescence analysis of human liver cancer using CBS Rabbit pAb (AAA37091) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat liver using CBS Rabbit pAb (AAA37091) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CBS Polyclonal Antibody (AAA37091) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CBS antibody	Background: The protein encoded by this gene acts as a homotetramer to catalyze the conversion of homocysteine to cystathionine, the first step in the transsulfuration pathway. The encoded protein is allosterically activated by adenosyl-methionine and uses pyridoxal phosphate as a cofactor. Defects in this gene can cause cystathionine beta-synthase deficiency (CBS), which can lead to homocystinuria. This gene is a major contributor to cellular hydrogen sulfide production. Multiple alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-CBS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	543959
NCBI GeneID	875
UniProt Accession #	P35520; Q99425; Q9BWC5; B2R993; D3DSK4
Molecular Weight	Observed MW: 61kDa Calculated MW: 61kDa
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; methylcysteine 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/polyclonal/cbs-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/37091>