

Rabbit anti-Human, Mouse CBS Polyclonal Antibody | anti-CBS antibody

CBS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233826	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

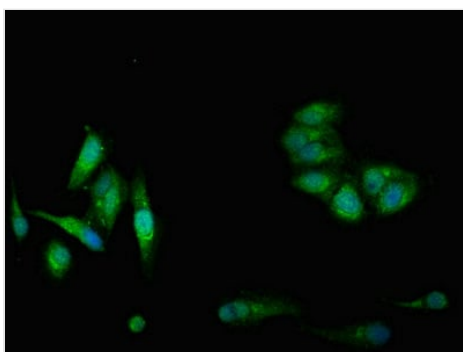
PRODUCT SYNONYMS

CBS; Polyclonal Antibody; CBS Antibody; Cystathionine beta-synthaseCurated; Beta-thionase; Serine sulfhydryase; anti-CBS antibody

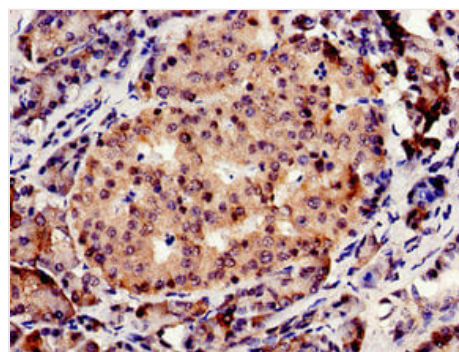
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	551
Applicable Applications for anti-CBS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Cystathionine beta-synthase protein (1-413AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

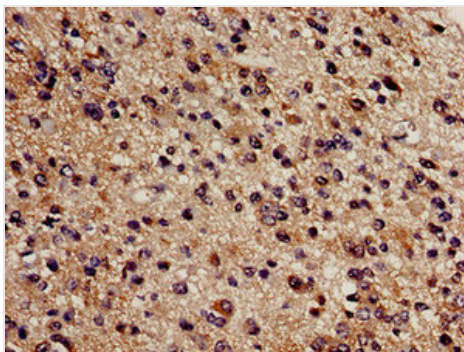
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA233826 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

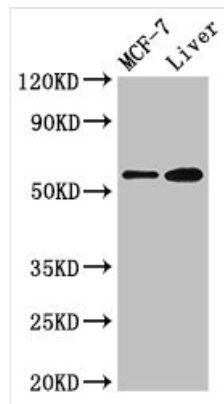

IHC (Immunohistochemisry)

Immunocytochemistry analysis of human pancreatic tissue using AAA233826 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry analysis of human glioma cancer using AAA233826 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, Mouse liver tissue. All lanes: CBS antibody at 2.7ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 61, 62 KDa. Observed band size: 61 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CBS antibody	Hydro-lyase catalyzing the first step of the transsulfuration pathway, where the hydroxyl group of L-serine is displaced by L-homocysteine in a beta-replacement reaction to form L-cystathionine, the precursor of L-cysteine. This catabolic route allows the elimination of L-methionine and the toxic metabolite L-homocysteine (PubMed:23981774, PubMed:20506325, PubMed:23974653). Also involved in the production of hydrogen sulfide, a gasotransmitter with signaling and cytoprotective effects on neurons (By similarity).
Product Categories/Family for anti-CBS antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557415
NCBI GeneID	875
NCBI Accession #	NP_000062.1
NCBI GenBank Nucleotide #	NM_000071.2
UniProt Accession #	P35520; Q99425; Q9BWC5; B2R993; D3DSK4
Molecular Weight	61,863 Da
NCBI Official Full Name	cystathionine beta-synthase isoform 1
NCBI Official Synonym Full Names	cystathionine-beta-synthase
NCBI Official Symbol	CBS
NCBI Official Synonym Symbols	HIP4
NCBI Protein Information	cystathionine beta-synthase
UniProt Protein Name	Cystathionine beta-synthase
UniProt Gene Name	CBS

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://www.aaabiotech.com/polyclonal/cbs-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233826>