

Anti-CBS antibody (1-551) (STJ22918)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

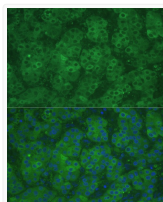
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 61kDa Observed Mw: 61kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

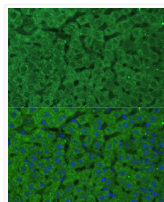
Gene ID	102724560/875
Gene Symbol	CBS
UniProt ID	CBS_HUMAN
Immunogen Region	1-551
Immunogen Sequence	MPSETPQAEVGP TGCPHRS G PHS AKGSLEKGSPEDKEAKE PLWIRPDAPSRCTWQLGRPA SESPHHHTAPAKSPKILPDI LKKIGDTPMVRINKIGKKFG LKCELLAKCEFFNAGGSVKD RISLRMIEDAERDGTLPKPGD TIEPTSGNTGIGLALAAAV RGYRCIIVMPEKMSSEKVDV LRALGAEIVRTPPTNARFDSP ESHVGVAWRLKNEIPNSHIL DQYRNASNPLAHYDTTAE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-384 of human CBS (NP_000062.1).

ADDITIONAL INFORMATION

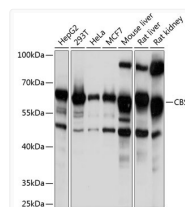
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of human liver cancer using CBS Rabbit polyclonal antibody (STJ22918) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat liver using CBS Rabbit polyclonal antibody (STJ22918) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CBS Polyclonal Antibody (STJ22918) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.