

## Rabbit CBS Polyclonal Antibody | anti-CBS antibody

CBS Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA170090 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

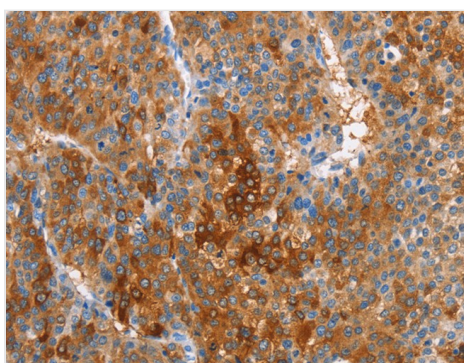
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

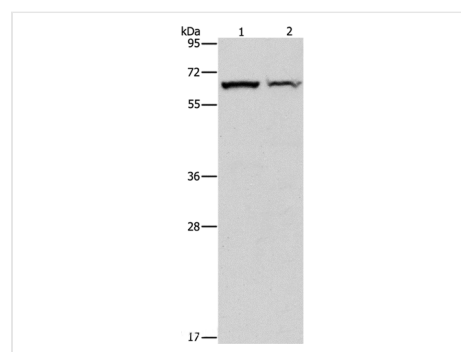
|                                               |                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                    |
| Reactivity                                    | Human, Mouse, Rat                                                                         |
| Clonality                                     | Polyclonal                                                                                |
| Isotype                                       | IgG                                                                                       |
| Purity/Purification                           | Antigen affinity purification                                                             |
| Concentration                                 | 1.1mg/mL (varies by lot)                                                                  |
| Sequence Length                               | 464                                                                                       |
| Applicable Applications for anti-CBS antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                     | Recombinant protein of human CBS                                                          |
| Buffer                                        | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                       | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CBS Polyclonal Antibody at dilution of 1:25



#### WB (Western Blot)

Western Blot analysis of Mouse pancreas and Human fetal liver tissue using CBS Polyclonal Antibody at dilution of 1:550

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CBS antibody | 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. Multiple alternatively spliced transcript variants have been found for this gene. |
| Product Categories/Family for anti-CBS antibody   | Cancer; Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                          |                           |
|--------------------------|---------------------------|
| NCBI GI #                | 378544331                 |
| NCBI GeneID              | 13112170                  |
| UniProt Accession #      | H6SAP3                    |
| Molecular Weight         | 48,635 Da                 |
| NCBI Official Full Name  | cbs                       |
| NCBI Official Symbol     | cbs                       |
| NCBI Protein Information | cbs; hypothetical protein |
| UniProt Protein Name     | Cbs protein               |
| UniProt Gene Name        | cbs                       |
| UniProt Entry Name       | H6SAP3_MYCTX              |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/cbs-antibody-immunohistochemistry-western-blot-elisa/170090>