

CBS Rabbit mAb
Catalog # AP77075**Specification**

CBS Rabbit mAb - Product Information

Application	WB
Primary Accession	P35520
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	60587

CBS Rabbit mAb - Additional Information**Gene ID** 102724560;875**Other Names**

CBS

Dilution

WB~~1/500-1/1000

Format

Liquid

CBS Rabbit mAb - Protein Information**Name** CBS**Function**

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: [20506325](http://www.uniprot.org/citations/20506325), PubMed: [23974653](http://www.uniprot.org/citations/23974653), PubMed: [23981774](http://www.uniprot.org/citations/23981774)). Also involved in the production of hydrogen sulfide, a gasotransmitter with signaling and cytoprotective effects on neurons (By similarity).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

In the adult strongly expressed in liver and pancreas, some expression in heart and brain, weak expression in lung and kidney. In the fetus, expressed in brain, liver and kidney

CBS Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CBS Rabbit mAb - Images

