

**CBS Rabbit mAb**  
Catalog # AP77075**Specification**

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**CBS Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P35520</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>60587</b>

**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

