



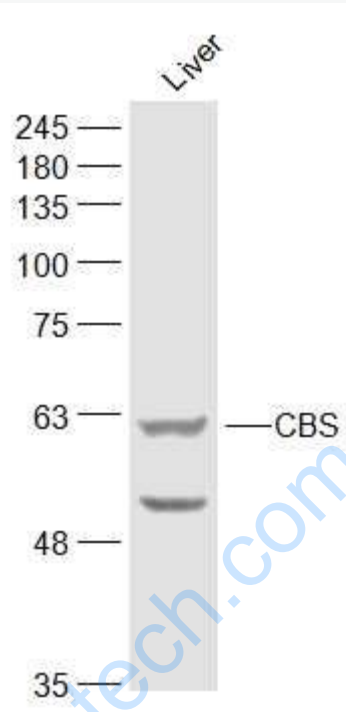
## Rabbit Anti-CBS antibody

SL4193R

<b>Product Name:</b>	CBS
<b>Chinese Name:</b>	丝氨酸羧甲半胱氨酸合成酶抗体
<b>Alias:</b>	Beta thionase; Beta-thionase; Cbs; CBS_HUMAN; Cystathionine beta synthase; Cystathionine beta-synthase; HIP 4; HIP4; Methylcysteine synthase; Serine sulphydrase.
<b>文献引用</b> <b>PubMed</b> :	<b>Specific References(1)</b>  SL4193R has been referenced in 1 publications. [IF=2.53] Shiina, Takahiko, et al. "Inhibitory action of hydrogen sulfide on esophageal striated muscle motility in rats." European Journal of Pharmacology (2016). <b>WB;Rat.</b> <a href="#">PubMed:26687631</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	61kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human HIP4:177-280/400
<b>Isotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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. [provided by RefSeq, May 2010].</p> <p><b>SWISS:</b> P35520</p> <p><b>Gene ID:</b> 875</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 875</a> Human</p> <p><a href="#">Entrez Gene: 12411</a> Mouse</p> <p><a href="#">Entrez Gene: 24250</a> Rat</p> <p><a href="#">Omim: 613381</a> Human</p> <p><a href="#">SwissProt: P35520</a> Human</p> <p><a href="#">SwissProt: Q91WT9</a> Mouse</p> <p><a href="#">SwissProt: P32232</a> Rat</p> <p><a href="#">Unigene: 533013</a> Human</p> <p><b>Important Note:</b> This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p>

Picture:



Sample:

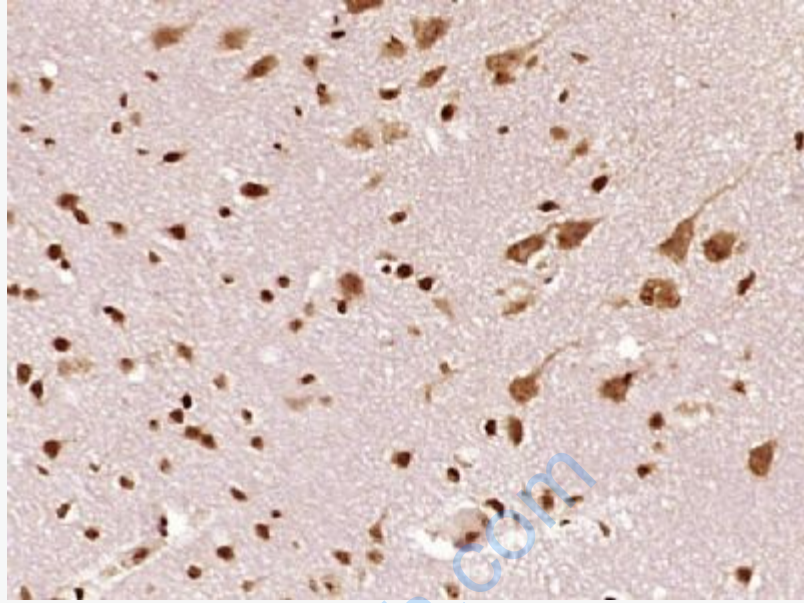
Liver(Mouer) Cell Lysate at 40 ug

Primary: Anti-CBS (SL4193R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 61 kD

Observed band size: 61 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CBS) Polyclonal Antibody, Unconjugated (SL4193R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.