

CBS Polyclonal Antibody

catalog number: **E-AB-14671**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human CBS
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications Recommended Dilution

WB	1:200-1:1000
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Data



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

Calculated-MW:61 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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.

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