

CBS Recombinant Rabbit mAb

Catalog: BS50164

Host: Rabbit

Reactivity: Human

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. This gene is a major contributor to cellular hydrogen sulfide production. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2016]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

61 kDa

Swiss-Prot:

P35520

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

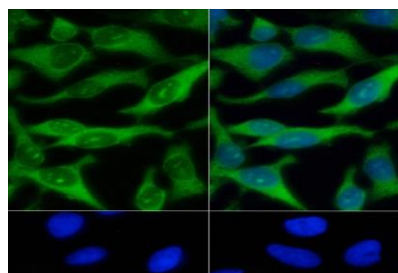
Specificity:

The antibody detects endogenous levels of it.

DATA:



Western blot analysis of extracts from HeLa, MCF-7 cells using it at 1:1000.



Immunofluorescence analysis of HeLa cells labelling COPS3 with it.

Note:

For research use only, not for use in diagnostic procedure.

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