



CBS mouse mAb

Catalog No	YP-mAb-17821
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CBS
Immunogen	Fusion protein of human CBS
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Beta thionase;Beta-thionase;cystathionine beta synthase;Cystathionine beta-synthase;EC:4.2.1.22;CBS;HIP4
Observed Band	Calculated MW: 61 kDa; Observed MW: 61 kDa
Calculated Molecular Weight	Calculated MW: 61 kDa; Observed MW: 61 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	Only known pyridoxal phosphate-dependent enzyme that contains heme. Important regulator of hydrogen sulfide, especially in the brain, utilizing cysteine instead of serine to catalyze the formation of hydrogen sulfide. Hydrogen sulfide is a gastratransmitter with signaling and cytoprotective effects such as acting as a neuromodulator in the brain to protect neurons against hypoxic injury.
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images