

For Research Use Only

CoraLite® Plus 488-conjugated CBS Polyclonal antibody



Catalog Number: CL488-14787

Featured Product

Basic Information

Catalog Number: CL488-14787	GenBank Accession Number: BC000440	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 875	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: cystathionine-beta-synthase	
Isotype: IgG	Calculated MW: 61 kDa	
Immunogen Catalog Number: AG6437	Observed MW: 61-63 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

The CBS gene encodes cystathionine beta-synthase, which catalyzes the first irreversible step of transsulfuration. The CBS enzyme is a homotetramer of 63-kD subunits and requires pyridoxal phosphate and heme for activity(PMID:11230183). CBS protein is localized in most areas of the brain, but predominantly in the cell bodies and neuronal processes of Purkinje cells and Ammon's horn neurons(PMID:12588964).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 CBS antibody (CL488-14787) at dilution of 1:200, CL594-Phalloidin (red).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 CBS antibody (CL488-14787) at dilution of 1:200.