



CNST rabbit pAb

Cat No.:ES17345

For research use only

Overview

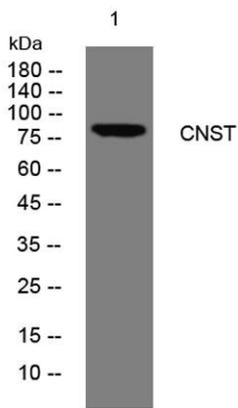
Product Name	CNST rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human CNST AA range: 296-346
Specificity	This antibody detects endogenous levels of CNST at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	CNST
Gene Name	CNST C1orf71
Cellular localization	Cell membrane ; Single-pass membrane protein . Golgi apparatus, trans-Golgi network membrane ; Single-pass membrane protein . Cytoplasmic vesicle, secretory vesicle . Located predominantly in the trans-Golgi network. Probably trafficks between the trans-G
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	163882
Human Swiss-Prot Number	Q6PJW8
Alternative Names	
Background	Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the





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distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and recycling from the cell surface (del Castillo et al., 2010 [PubMed 19864490]).[supplied by OMIM, Jun 2010],



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night



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