

CTNS rabbit pAb

Cat No.:ES17182

For research use only

Overview

Product Name	CTNS rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human CTNS AA range: 234-284
Specificity	This antibody detects endogenous levels of CTNS 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	CTNS
Gene Name	CTNS
Cellular localization	[Isoform 1]: Lysosome membrane ; Multi-pass membrane protein . Melanosome membrane ; Multi-pass membrane protein . AP-3 complex is required for localization to the lysosome. .; [Isoform 2]: Lysosome membrane ; Multi-pass membrane protein . Cell membrane ;
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	1497
Human Swiss-Prot Number	O60931
Alternative Names	
Background	This gene encodes a seven-transmembrane domain protein that functions to transport cystine out of lysosomes. Its activity is driven by the H ⁺ electrochemical gradient of the lysosomal

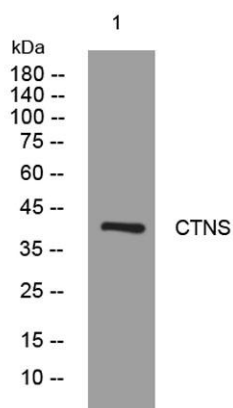




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membrane. Mutations in this gene cause cystinosis, a lysosomal storage disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009],

Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night



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