

Product datasheet for **AM20113PU-N**

Syntaxin 12 (STX12) (Cytopl. Dom.) Mouse Monoclonal Antibody [Clone ID: 15G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	15G2
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 20 µg/ml. Western Blot: 1 µg/ml.
Reactivity:	Canine, Hamster, Mouse, Rat, Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	STX12 antibody was raised against recombinant cytoplasmic domain of Rat Syntaxin 13.
Specificity:	Recognizes Syntaxin 12. Identifies recombinant rat syntaxin 13 and will detect an ~38 kD protein, corresponding to the apparent molecular mass of syntaxin 13 on SDS-PAGE immunoblots, in samples from mouse, rat, dog and hamster origins. Additional bands of 27 and 37 kD may also be recognized in these lysates, and are believed to correspond to degradation products of syntaxin 13.
Formulation:	PBS, pH 7.4 with 0.09% Sodium Azide and 50% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	syntaxin 12
Database Link:	Entrez Gene 23673 Human Q86Y82



[View online »](#)

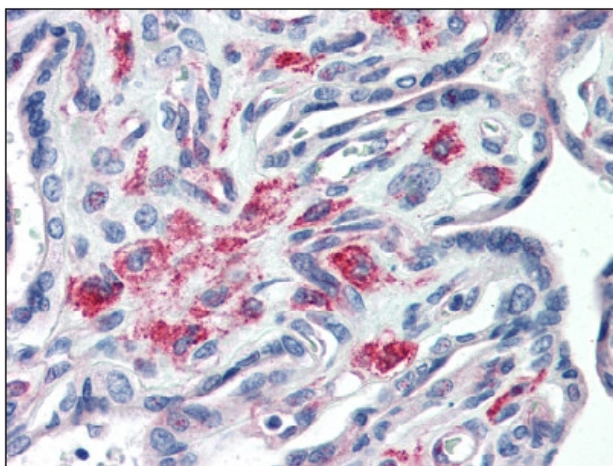
Background: Syntaxin 12 is localized to the recycling endosome compartment and is involved in the ordered fusion of endosomes and lysosomes with the phagosome, where phagocytic cells kill and degrade internalized foreign particles.

Synonyms: Syntaxin-12, STX13, STX14, MGC51957

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Immunohistochemistry: STX12 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Placenta at 20 ug/ml followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.