

Product datasheet for **AM06348SU-N**

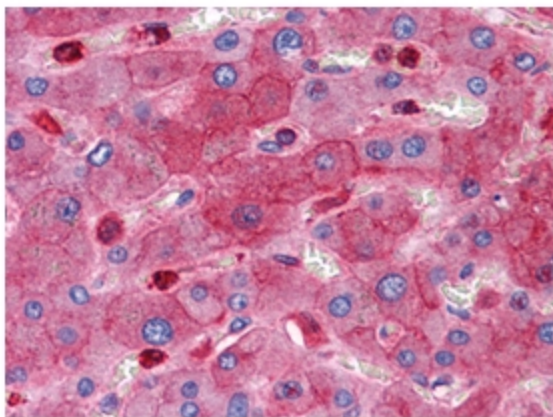
RTN3 Mouse Monoclonal Antibody [Clone ID: 10A8]

Product data:

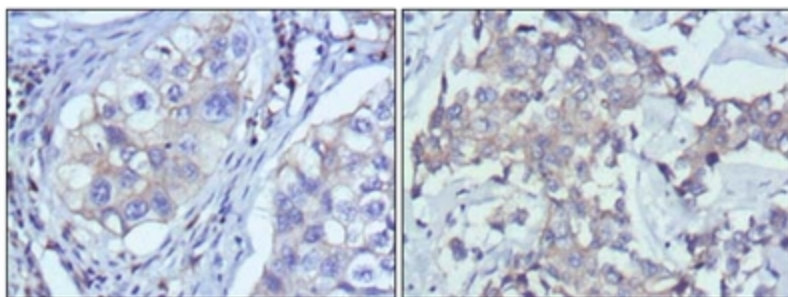
Product Type:	Primary Antibodies
Clone Name:	10A8
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/10000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of RTN3 expressed in E. Coli.
Specificity:	Recognizes RTN3 (Reticulon 3)
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
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.
Predicted Protein Size:	113 kDa
Gene Name:	reticulon 3
Database Link:	Entrez Gene 10313 Human O95197
Background:	The reticulons are a group of highly conserved genes with preferential expression in neuroendocrine tissues. RTN3 may be involved in membrane trafficking in the early secretory pathway. Inhibits BACE1 activity and amyloid precursor protein processing. May induce caspase-8 cascade and apoptosis. May favor BCL2 translocation to the mitochondria upon endoplasmic reticulum stress. In case of enteroviruses infection, RTN3 may be involved in the viral replication or pathogenesis. There are 5 isoforms.
Synonyms:	ASYIP, NSPL2, NSPLII, NSP-like protein 2



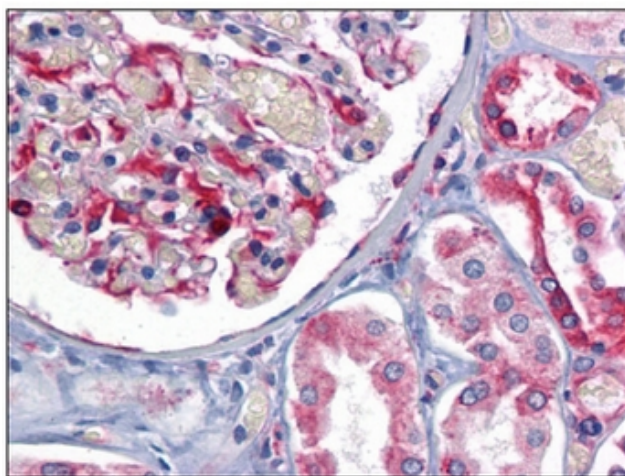
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Product images:

Immunohistochemical analysis of paraffin-embedded human Liver tissues using RTN3 antibody Cat.-No AM06348SU-N



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and breast cancer (right) using RTN3 antibody Cat.-No AM06348SU-N with DAB staining.



Immunohistochemical analysis of paraffin-embedded human Kidney tissues using RTN3 antibody Cat.-No AM06348SU-N