RNF166 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RNF166, Polyclonal Antibody
Full Product Name	RNF166 Antibody
Product Gene Name	anti-RNF166 antibody
Product Synonym Names	1110031E24Rik; AW555115; MGC14381; MGC2647; RING finger protein 166; RN166_HUMAN; RNF 166; RNF166; Zfp313l; Zinc finger protein 228; Zinc finger protein 313
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Concentration	1mg/ml (lot specific)
Specificity	RNF166 Antibody detects endogenous levels of RNF166.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	RNF166 peptide (MBS9633715) is used for blocking the activity of RNF166 antibody (MBS9631332)
Molecular Weight	17,187 Da
3D Structure	ModBase 3D Structure for Q96A37
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human RNF166.
Conjugation	Unconjugated
Function	E3 ubiquitin-protein ligase that promotes the ubiquitination of different substrates. In turn, participates in different biological processes including interferon production or autophagy. Plays a role in the activation of RNA virus-induced interferon-beta production by promoting the ubiquitination of TRAF3 and TRAF6. Plays also a role in the early recruitment of autophagy adapters to bacteria. Mediates 'Lys-29' and 'Lys-33'-linked ubiquitination of SQSTM1 leading to xenophagic targeting of bacteria and inhibition of their replication.
Product Categories/Family for anti-RNF166 antibody	Cytoplasm; Primary
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RNF166 antibody	ELISA (EIA)(peptide)
Application Notes for anti-RNF166 antibody	ELISA(peptide): 1:20000-1:40000
Related Product Information for anti-RNF166 antibody	MBS9631332 is an antibody targeting RNF166. Also known as RNF166 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

Other Notes	Small volumes of anti-RNF166 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RNF166. It may not necessarily be applicable to this product.

NCBI GI #	30520320
NCBI GeneID	115992
NCBI Accession #	NP_849163
UniProt Primary Accession #	Q96A37
UniProt Secondary Accession #	Q96DM0; B3KQ03; D3DX75; H3BTU8
UniProt Related Accession #	Q96A37
GenBank Nucleotide #	NM_178841
NCBI Official Full Name	RING finger protein 166 isoform 1
NCBI Official Synonym Full Names	ring finger protein 166
NCBI Official Symbol	RNF166
UniProt Protein Name	RING finger protein 166
Protein Family	RING finger protein
UniProt Gene Name	RNF166
UniProt Entry Name	RN166_HUMAN
NCBI Protein Information	RING finger protein 166
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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