RNF135 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RNF135, Polyclonal Antibody
Full Product Name	RNF135, CT (RNF135, E3 ubiquitin-protein ligase RNF135, RIG-I E3 ubiquitin ligase, RING finger protein 135, Riplet) (MaxLight 650)
Product Gene Name	anti-RNF135 antibody
Product Synonym Names	RNF135; E3 ubiquitin-protein ligase RNF135; RIG-I E3 ubiquitin ligase; RING finger protein 135; Riplet
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	gene 614192
3D Structure	ModBase 3D Structure for Q8IUD6
Immunogen	RNF135 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-402 amino acids from the C-terminal region of human RNF135.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-RNF135 antibody	Antibodies; Ubiquitin Ligases
Applications Tested/Suitable for anti-RNF135 antibody	Western Blot (WB), FLISA
Application Notes for anti-RNF135 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RNF135 antibody	The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene is located in a chromosomal region known to be frequently deleted in patients with neurofibromatosis. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq].
Product References and Citations for anti-RNF135 antibody	Zhao, J., et al. BMC Med. Genet. 11, 96 (2010): You, F., et al. Nat. Immunol. 10(12):1300-1308(2009). Visser, R., et al. Am. J. Med. Genet. A 149A (4), 806-808 (2009): Oshiumi, H., et al. J. Biol. Chem. 284(2):807-817(2009). Gao, D., et al. PLoS ONE 4 (6), E5760 (2009).
Other Notes	Small volumes of anti-RNF135 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.

Searchable Terms for RNF135 purchase	MBS6342585 is an antibody targeting RNF135. Also known as RNF135, CT (RNF135, E3 ubiquitin-protein ligase RNF135, RIG-I E3 ubiquitin ligase, RING finger protein 135, Riplet) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RNF135. It may not necessarily be applicable to this product.

NCBI GI #	37655167
NCBI GeneID	84282
NCBI Accession #	NP_115698.3
UniProt Primary Accession #	Q8IUD6
UniProt Related Accession #	Q8IUD6
GenBank Nucleotide #	NP_115698.3
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF135 isoform 1
NCBI Official Synonym Full Names	ring finger protein 135
NCBI Official Symbol	RNF135
NCBI Official Synonym Symbols	L13; MMFD; REUL; Riplet
UniProt Protein Name	E3 ubiquitin-protein ligase RNF135
UniProt Synonym Protein Names	RIG-I E3 ubiquitin ligase; REUL; RING finger protein 135; Riplet
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	RNF135
UniProt Synonym Gene Names	L13; REUL
UniProt Entry Name	RN135_HUMAN
NCBI Protein Information	E3 ubiquitin-protein ligase RNF135
NCBI Summary for RNF135	The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene is located in a chromosomal region known to be frequently deleted in patients with neurofibromatosis. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Research Articles on RNF135	**1.** Riplet, and not TRIM25, is required endogenously for the ubiquitination of RIG-I.
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