

Rabbit anti-Human CU002 Polyclonal Antibody | anti-C21orf2 antibody

CU002 Antibody (C-term)

CATALOG # AAA286829	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CU002; Polyclonal Antibody; CU002 Antibody (C-term); Protein C21orf2; C21orf-HUMF09G85; YF5/A2; C21orf2; anti-C21orf2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CU002 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-198 amino acids from the C-terminal region of human CU002.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	169-198
Sequence Length	375
Applicable Applications for anti-C21orf2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

CU002 Antibody (C-term) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

CU002 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the CU002 antibody detected the CU002 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-C21orf2 antibody	Cell Biology
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References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Shim, K.S., et al. J. Neural Transm. Suppl. 67, 117-128 (2003) : Scott, H.S., et al. Genomics 47(1):64-70(1998)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	407027847
NCBI GeneID	755
NCBI Accession #	NP_001258369.1; NP_001258370.1; NP_001258371.1; NP_004919.1
NCBI GenBank Nucleotide #	NM_001271440.1
UniProt Accession #	O43822; O14993; Q8N5X6; Q99837; Q99838; A8MPS9
Molecular Weight	28340
NCBI Official Full Name	nuclear encoded mitochondrial protein C21orf2 isoform 2
NCBI Official Synonym Full Names	chromosome 21 open reading frame 2
NCBI Official Symbol	C21orf2
NCBI Official Synonym Symbols	LRRC76; YF5/A2
NCBI Protein Information	nuclear encoded mitochondrial protein C21orf2; protein C21orf2
UniProt Protein Name	Protein C21orf2
UniProt Gene Name	C21orf2
UniProt Entry Name	CU002_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.