AMMECR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AMMECR1, Polyclonal Antibody
Full Product Name	AMMECR1, CT (AMMECR1, AMME syndrome candidate gene 1 protein) (MaxLight 405)
Product Gene Name	anti-AMMECR1 antibody
Product Synonym Names	AMMECR1; AMME syndrome candidate gene 1 protein
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 MaxLight405.
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: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	35,463 Da
OMIM	300194
3D Structure	ModBase 3D Structure for Q9Y4X0
Immunogen	AMMECR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 271-298 amino acids from the C-terminal region of human AMMECR1.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-AMMECR1 antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-AMMECR1 antibody	Western Blot (WB), FLISA
Application Notes for anti-AMMECR1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-AMMECR1 antibody	The exact function of this gene is not known, however, submicroscopic deletion of the X chromosome including this gene, COL4A5, and FACL4 genes, result in a contiguous gene deletion syndrome, the AMME complex (Alport syndrome, mental retardation, midface hypoplasia, and elliptocytosis). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product References and Citations for anti-AMMECR1 antibody	Lamesch, P., et al. Genomics 89(3):307-315(2007). Ross, M.T., et al. Nature 434(7031):325-337(2005). Tajika, Y., et al. Proteins 58(2):501-503(2005). Vitelli, F., et al. Genomics 55(3):335-340(1999). Piccini, M., et al. Genomics 47(3):350-358(1998).
Other Notes	Small volumes of anti-AMMECR1 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 AMMECR1 purchase	MBS6273284 is an antibody targeting AMMECR1. Also known as AMMECR1, CT (AMMECR1, AMME syndrome candidate gene 1 protein) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AMMECR1. It may not necessarily be applicable to this product.

NCBI GI #	70995235
NCBI GeneID	9949
NCBI Accession #	NP_001020751.1
UniProt Primary Accession #	Q9Y4X0
UniProt Secondary Accession #	Q5JYV9; Q6P9D8; Q8WX22; Q9UIQ8
UniProt Related Accession #	Q9Y4X0
GenBank Nucleotide #	NM_001025580.1
NCBI Official Full Name	AMME syndrome candidate gene 1 protein isoform 2
NCBI Official Synonym Full Names	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1
NCBI Official Symbol	AMMECR1
NCBI Official Synonym Symbols	AMMERC1
UniProt Protein Name	AMME syndrome candidate gene 1 protein
Protein Family	AMME syndrome candidate gene 1 protein
UniProt Gene Name	AMMECR1
UniProt Entry Name	AMMR1_HUMAN
NCBI Protein Information	AMME syndrome candidate gene 1 protein
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