ABLIM3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ABLIM3, Polyclonal Antibody
Full Product Name	ABLIM3, CT (ABLIM3, KIAA0843, Actin-binding LIM protein 3, Actin-binding LIM protein family member 3) (MaxLight 750)
Product Gene Name	anti-ABLIM3 antibody
Product Synonym Names	ABLIM3; KIAA0843; Actin-binding LIM protein 3; Actin-binding LIM protein family member 3
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 MaxLight750.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	77,802 Da
Chromosome Location	Chromosome: 5; NC_000005.9 (148521054..148640002). Location: 5q32
OMIM	611305
3D Structure	ModBase 3D Structure for O94929
Immunogen	ABLIM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 612-641 amino acids from the C-terminal region of human ABLIM3.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-ABLIM3 antibody	Antibodies; Actin Related Proteins
Applications Tested/Suitable for anti-ABLIM3 antibody	Western Blot (WB), FLISA
Application Notes for anti-ABLIM3 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ABLIM3 antibody	The LIM domain is a double zinc finger structure that promotes protein-protein interactions. LIM domain proteins, such as ABLIM3, play roles in embryonic development, cell lineage determination, and cancer (Krupp et al., 2006 [PubMed 16328021]).
Product References and Citations for anti-ABLIM3 antibody	Barrientos, T., et al. J. Biol. Chem. 282(11):8393-8403(2007). Olsen, J.V., et al. Cell 127(3):635-648(2006). Krupp, M., et al. Int. J. Mol. Med. 17(1):129-133(2006). Zheng, B., et al. Biochim. Biophys. Acta 1690(1):1-10(2004). Yamada, S., et al. Oncogene 23(35):5901-5911(2004).

Other Notes	Small volumes of anti-ABLIM3 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 ABLIM3 purchase	MBS6270681 is an antibody targeting ABLIM3. Also known as ABLIM3, CT (ABLIM3, KIAA0843, Actin-binding LIM protein 3, Actin-binding LIM protein family member 3) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABLIM3. It may not necessarily be applicable to this product.

NCBI GI #	7662330
NCBI GeneID	22885
NCBI Accession #	NP_055760.1
UniProt Primary Accession #	O94929
UniProt Secondary Accession #	Q19VH3; Q658S1; Q68CI5; Q9BV32; A8K121
UniProt Related Accession #	O94929
GenBank Nucleotide #	NM_014945.2
NCBI Official Full Name	actin-binding LIM protein 3
NCBI Official Synonym Full Names	actin binding LIM protein family, member 3
NCBI Official Symbol	ABLIM3
NCBI Official Synonym Symbols	HMFN1661
UniProt Protein Name	Actin-binding LIM protein 3
UniProt Synonym Protein Names	Actin-binding LIM protein family member 3
Protein Family	Actin-binding LIM protein
UniProt Gene Name	ABLIM3
UniProt Synonym Gene Names	KIAA0843; abLIM-3
UniProt Entry Name	ABLM3_HUMAN
NCBI Protein Information	actin-binding LIM protein 3; abLIM-3; actin-binding LIM protein family member 3
Research Articles on ABLIM3	**1.** Results characterize a third member of the actin binding LIM protein subgroup, actin binding LIM protein 3.
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