FLII Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FLII, Polyclonal Antibody
Full Product Name	FLII Antibody, HRP conjugated
Product Gene Name	anti-FLII antibody
Product Synonym Names	Protein flightless-1 homolog; FLII; FLIL
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: FLII (MBS7107219) HRP Conjugated Antibody: FLII (MBS7107220)
Molecular Weight	143,652 Da
OMIM	U80184 Genomic DNA
3D Structure	ModBase 3D Structure for Q13045
Immunogen	Recombinant Human Protein flightless-1 homolog protein (577-729AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-FLII antibody	Cell Biology; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FLII antibody	ELISA (EIA)
Related Product Information for anti-FLII antibody	May play a role as coactivator in transcriptional activation by hormone-activated nuclear receptors (NR) and acts in cooperation with NCOA2 and CARM1. Involved in estrogen hormone signaling. Involved in early embryonic development (By similarity). May play a role in regulation of cytoskeletal rearrangements involved in cytokinesis and cell migration, by inhibiting Rac1-dependent paxillin phosphorylation.
Other Notes	Small volumes of anti-FLII 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 FLII purchase	MBS7107220 is an antibody targeting FLII. Also known as FLII Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	372266127
NCBI GeneID	2314
NCBI Accession #	NP_001243193.1
UniProt Primary Accession #	Q13045
UniProt Secondary Accession #	B4DIL0; F5H407; J3QLG3
UniProt Related Accession #	Q13045
GenBank Nucleotide #	NM_001256264.1
NCBI Official Full Name	protein flightless-1 homolog isoform 2
NCBI Official Synonym Full Names	FLII, actin remodeling protein
NCBI Official Symbol	FLII
NCBI Official Synonym Symbols	FLI; FLIL; Fli1
UniProt Protein Name	Protein flightless-1 homolog
Protein Family	Flagellum-specific ATP synthase
UniProt Gene Name	FLII
UniProt Synonym Gene Names	FLIL
NCBI Protein Information	protein flightless-1 homolog
NCBI Summary for FLII	This gene encodes a protein with a gelsolin-like actin binding domain and an N-terminal leucine-rich repeat-protein protein interaction domain. The protein is similar to a Drosophila protein involved in early embryogenesis and the structural organization of indirect flight muscle. The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]
UniProt Comments for FLII	May play a role as coactivator in transcriptional activation by hormone-activated nuclear receptors (NR) and acts in cooperation with NCOA2 and CARM1. Involved in estrogen hormone signaling. Involved in early embryonic development (). May play a role in regulation of cytoskeletal rearrangements involved in cytokinesis and cell migration, by inhibiting Rac1-dependent paxillin phosphorylation.
Research Articles on FLII	**1.** FLII is associated with SENP3 and the MLL1/2 complex and FLII is indispensible for H3K4 methylation and proper loading of active RNA polymerase II at this gene locus.
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