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FBXO32 Rabbit mAb

Catalog # AP76992

Product Information

Application	WB, IF, ICC
Primary Accession	Q969P5
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Fbx32
Purification	Affinity Chromatography
Calculated MW	41637

Additional Information

Gene ID	114907
Other Names	FBXO32
Dilution	WB~~1/500-1/1000 IF~~1:50~200 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	FBXO32
Function	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins during skeletal muscle atrophy. Recognizes TERF1. Negatively regulates macrophage efferocytosis by promoting the ubiquitination of the transcription factor KLF4, suppressing the receptor tyrosine kinase MERTK transcription (By similarity). Regulates LPS-induced apoptosis and mitochondrial dysfunction through ANXA1 ubiquitination and degradation (By similarity). Mediates cyclin D1 protein stabilization via 'Lys-27'-linked ubiquitination (PubMed:40307251).
Cellular Location	Cytoplasm. Nucleus. Note=Shuttles between cytoplasm and the nucleus
Tissue Location	Specifically expressed in cardiac and skeletal muscle

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