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ZYG11BL Rabbit pAb

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Catalog # AP56239

Product Information

Application	WB
Primary Accession	Q7Z7L7
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88169
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZYG11BL
Epitope Specificity	21-120/766
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a subunit of an E3 ubiquitin ligase complex that may be involved in meiosis. The encoded protein contains three leucine-rich repeat motifs. [provided by RefSeq, Nov 2012]

Additional Information

Gene ID	10444
Other Names	Protein zer-1 homolog, Hzyg, Zyg-11 homolog B-like protein, Zyg11b-like protein, ZER1 (HGNC:30960)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

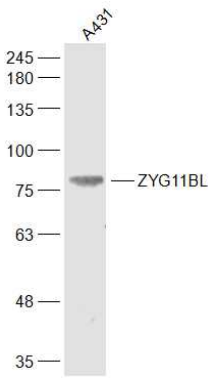
Name	ZER1 (HGNC:30960)
Function	Serves as substrate adapter subunit in the E3 ubiquitin ligase complex ZYG11B-CUL2-Elongin BC (PubMed:17304241, PubMed:31273098). Acts to target substrates bearing N-terminal degrons for proteasomal degradation

	with the first four residues of substrates being the key recognition elements (PubMed:33093214, PubMed:34214466, PubMed:36496439). Involved in the clearance of proteolytic fragments generated by caspase cleavage during apoptosis since N-terminal glycine degrons are strongly enriched at caspase cleavage sites. Also important in the quality control of protein N-myristoylation in which N-terminal glycine degrons are conditionally exposed after a failure of N- myristoylation (PubMed:31273098).
Tissue Location	Expressed in testis, spermatocytes and spermatids (at protein level). Expressed in spermatocytes, spermatids, prostate, skeletal muscle, ovary, small intestine, heart, brain and pancreas

Background

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Images



Sample:
A431(Human) Cell Lysate at 30 ug
Primary: Anti-ZYG11BL (AP56239) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 88 kD
Observed band size: 88 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.