

ZYG11BL Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56239

Specification

ZYG11BL Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q7Z7L7
Reactivity	Rat, Pig, Dog, Cow
Host	Rabbit
Clonality	Polyclonal
Calculated MW	88169

ZYG11BL Polyclonal Antibody - Additional Information

Gene ID 10444

Other Names

Protein zer-1 homolog, Hzyg, Zyg-11 homolog B-like protein, Zyg11b-like protein, ZER1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=30960 target="_blank">HGNC:30960)

Format

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

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.

ZYG11BL Polyclonal Antibody - Protein Information

Name ZER1 ([HGNC:30960](#))

Function

Serves as substrate adapter subunit in the E3 ubiquitin ligase complex ZYG11B-CUL2-Elongin BC (PubMed:<http://www.uniprot.org/citations/17304241> target="_blank">17304241, PubMed:[!\[\]\(56549452e01ca28bdf2500ced9653143_img.jpg\)](http://www.uniprot.org/ci</p>
</div>
<div data-bbox=)

Sample:
A431(Human) Cell Lysate at 30 ug
Primary: Anti-ZYG11BL (bs-16389R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 88 kD
Observed band size: 88 kD

tations/31273098" target="_blank">31273098). Acts redundantly with ZYG11B to target substrates bearing N-terminal glycine degrons for proteasomal degradation (PubMed:33093214). 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

ZYG11BL Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)