

YPEL5 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9958b

Product Information

Application	WB, IHC-P, E
Primary Accession	P62699
Other Accession	P62700 , Q4R4Q6 , Q3ZBE7
Reactivity	Human, Mouse
Predicted	Bovine, Monkey, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25646
Calculated MW	13842
Antigen Region	92-121

Additional Information

Gene ID	51646
Other Names	Protein yippee-like 5, YPEL5
Target/Specificity	This YPEL5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-121 amino acids from the C-terminal region of human YPEL5.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	YPEL5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	YPEL5
Function	Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1

(PubMed:[29911972](#)). Required for normal cell proliferation (By similarity).

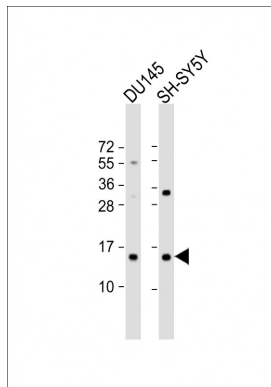
Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q65Z55}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q65Z55}. Cytoplasm, cytoskeleton, spindle pole {ECO:0000250|UniProtKB:Q65Z55}. Midbody {ECO:0000250|UniProtKB:Q65Z55} Note=Detected in nucleus and at the centrosome during interphase During mitosis, detected on the mitotic spindle, at spindle poles and at the midbody. {ECO:0000250|UniProtKB:Q65Z55}

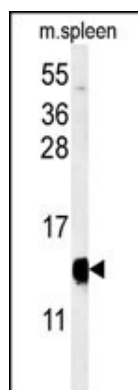
References

Hillier, L.W., et al. Nature 434(7034):724-731(2005)
Hosono, K., et al. Gene 340(1):31-43(2004)
Roxstrom-Lindquist, K., et al. Insect Mol. Biol. 10(1):77-86(2001)

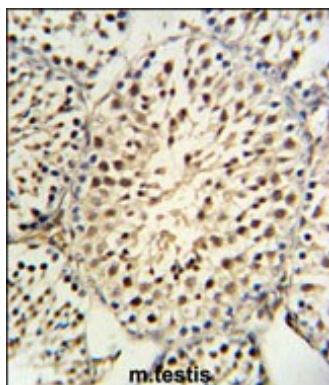
Images



All lanes : Anti-YPEL5 Antibody (C-term) at 1:1000 dilution
Lane 1: DU145 whole cell lysate Lane 2: SH-SY5Y whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of YPEL5 Antibody (C-term) (Cat. #AP9958b) in mouse spleen tissue lysates (35ug/lane). YPEL5 (arrow) was detected using the purified Pab.



YPEL5 Antibody (C-term) (Cat. #AP9958b) IHC analysis in formalin fixed and paraffin embedded mouse testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the YPEL5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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