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SHCBP1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5433b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q8NEM2
Other Accession	Q9Z179, NP_079021.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26872
Calculated MW	75690
Antigen Region	500-528

Additional Information

Gene ID	79801
Other Names	SHC SH2 domain-binding protein 1, SHCBP1
Target/Specificity	This SHCBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 500-528 amino acids from the C-terminal region of human SHCBP1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	SHCBP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

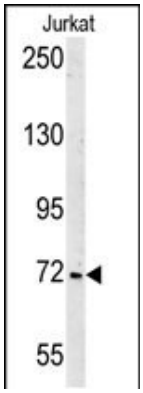
Name	SHCBP1
Function	May play a role in signaling pathways governing cellular proliferation, cell growth and differentiation. May be a component of a novel signaling pathway

	downstream of Shc. Acts as a positive regulator of FGF signaling in neural progenitor cells.
Cellular Location	Midbody. Cytoplasm, cytoskeleton, spindle. Note=Displays weak localization to the spindle midzone in some early telophase cells and is concentrated at the midbody in late cytokinesis

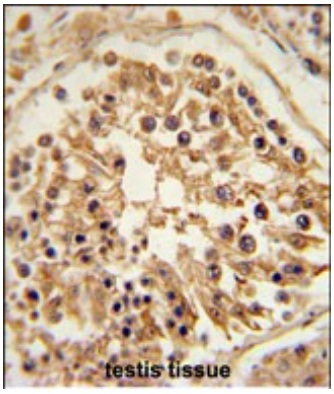
References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Obuse, C., et al. Genes Cells 9(2):105-120(2004)
Schmandt, R., et al. Oncogene 18(10):1867-1879(1999)
Robertson, N.G., et al. Genomics 23(1):42-50(1994)

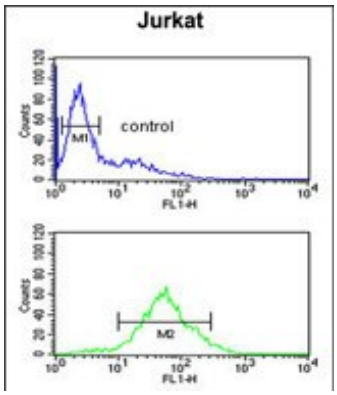
Images



SHCBP1 Antibody (C-term)(Cat. #AP5433b) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the SHCBP1 antibody detected the SHCBP1 protein (arrow).



SHCBP1 Antibody (C-term) (Cat. #AP5433b) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SHCBP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



SHCBP1 Antibody (C-term) (Cat. #AP5433b) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- EGF-induced nuclear localization of SHCBP1 activates β-catenin signaling and promotes cancer progression.

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