

YPEL1 Antibody

Catalog # ASC11456

Product Information

Application	WB, IF, ICC, E
Primary Accession	O60688
Other Accession	NP_037445 , 9558721
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	13575
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	YPEL1 antibody can be used for detection of YPEL1 by Western blot at 1 μ g/mL. Antibody can also be used for immunocytochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 2.5 μ g/mL.

Additional Information

Gene ID	29799
Other Names	Protein yippee-like 1, YPEL1
Target/Specificity	YPEL1;
Reconstitution & Storage	YPEL1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	YPEL1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	YPEL1
Function	May play a role in epithelioid conversion of fibroblasts.
Cellular Location	Nucleus.

Background

YPEL1 Antibody: YPEL1 (yippee-like 1) is thought to play a role in the epithelioid conversion of fibroblasts and the regulation of the cellular morphology. It is a 119 amino acid protein that localizes to the nucleus and

belongs to a family of yippee-like proteins that include YPEL2 - 5, all of which localize to the centrosome and nucleus and are widely expressed in both adult and fetal tissue. The family of human YPEL proteins share a high degree of sequence homology with their rodent homologs, suggesting a conserved function between species. YPEL1 might be an important factor during the development and malignant transformation of tissues.

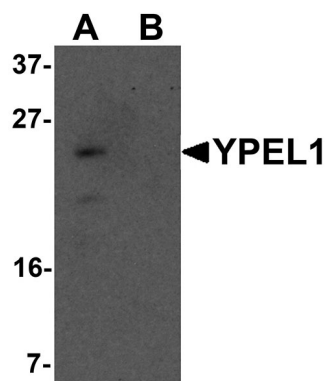
References

Farlie P, Reid C, Wilcox S, et al. YPEL1: a novel nuclear protein that induces an epithelial-like morphology in fibroblasts. *Genes Cells* 2001; 6:619-29.

Hosono K, Sasaki T, Minoshima S, et al. Identification and characterization of a novel gene family YPEL in a wide spectrum of eukaryotic species. *Gene* 2004; 340: 31-43

Abiatari I, Kiladze M, Kerkadze V, et al. Expression of YPEL1 in pancreatic cancer cell lines and tissues. *Georgian Med. News* 2009; (175):60-2.

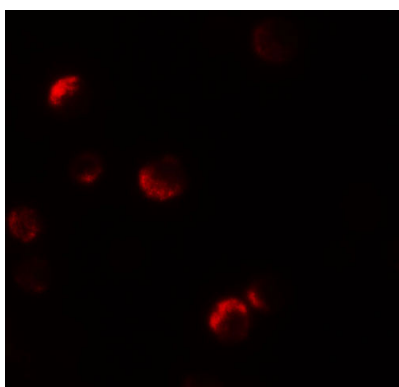
Images



Western blot analysis of YPEL1 in HeLa cell lysate with YPEL1 antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of YPEL1 in HeLa cells with YPEL1 antibody at 2.5 $\mu\text{g/mL}$.



Immunofluorescence of YPEL1 in HeLa cells with YPEL1 antibody at 20 $\mu\text{g/mL}$.

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