

**YPEL2 Antibody**  
Catalog # ASC11457**Specification**

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**YPEL2 Antibody - Product Information**

Application	WB, ICC, IF
Primary Accession	<a href="#">Q96QA6</a>
Other Accession	<a href="#">EAW94407</a> , <a href="#">53292625</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	YPEL2 antibody can be used for detection of YPEL2 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 2.5 µg/mL. For immunofluorescence start at 5 µg/mL.

**YPEL2 Antibody - Additional Information**

Gene ID	388403
Target/Specificity	
YPEL2;	

**Reconstitution & Storage**

YPEL2 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**

YPEL2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**YPEL2 Antibody - Protein Information**

**Name** YPEL2

**Cellular Location**  
Nucleus, nucleolus.

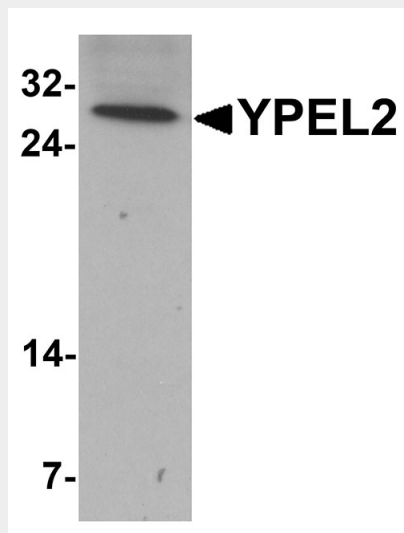
**Tissue Location**  
Widely expressed. Detected in fetal and adult kidney, heart, liver, lung and skeletal muscle

**YPEL2 Antibody - Protocols**

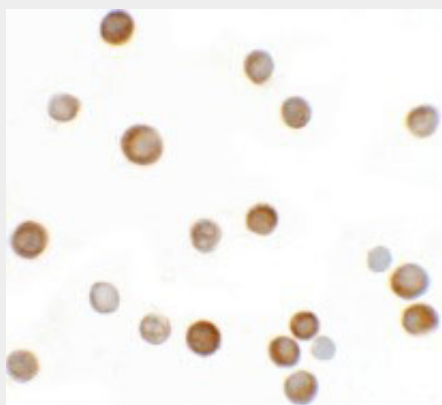
Provided below are standard protocols that you may find useful for product applications.

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

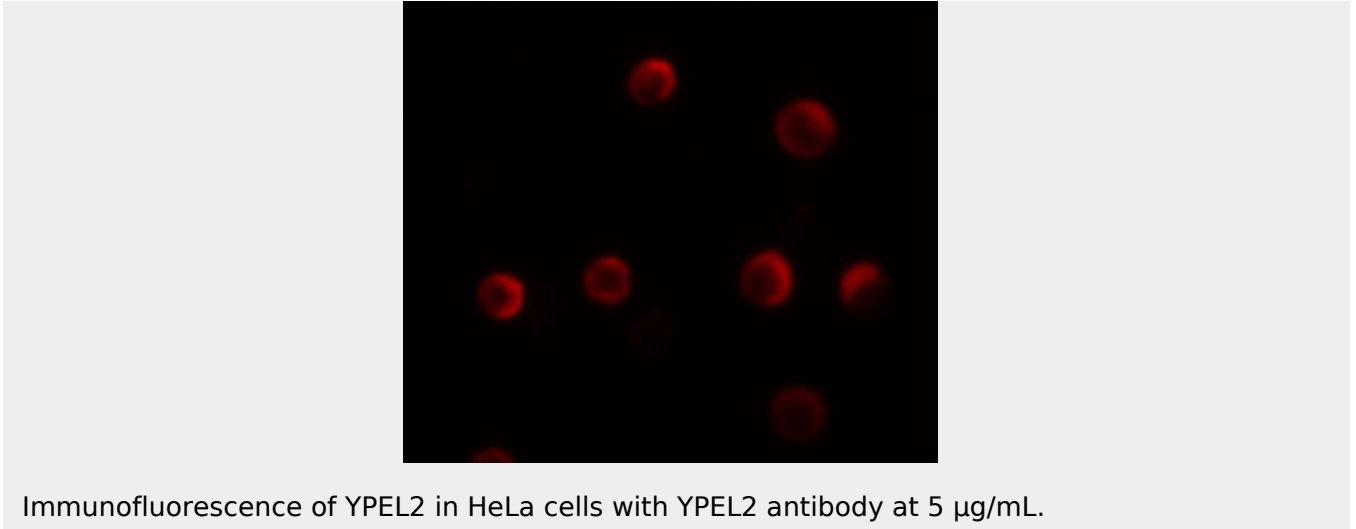
#### YPEL2 Antibody - Images



Western blot analysis of YPEL2 in HeLa cell lysate with YPEL2 antibody at 1  $\mu$ g/mL.



Immunocytochemistry of YPEL2 in HeLa cells with YPEL2 antibody at 2.5  $\mu$ g/mL.



Immunofluorescence of YPEL2 in HeLa cells with YPEL2 antibody at 5 µg/mL.

### **YPEL2 Antibody - Background**

**YPEL2 Antibody:** YPEL2 (yippee-like 2) belongs to a family of five yippee-like proteins, all of which localize to the centrosome or mitotic spindle and are widely expressed in both adult and fetal tissue. This localization plus the fact that the family of human YPEL proteins share a high degree of sequence homology across species suggests that these proteins may have a conserved function involved in cell division. YPEL2 might be an important factor during the development and malignant transformation of tissues, most notably pancreatic and breast tumors.

### **YPEL2 Antibody - References**

- 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.
- Couch FJ, Wang X, Bamlet WR, et al. Association of mitotic regulation pathway polymorphisms with pancreatic cancer risk and outcome. *Cancer Epidemiol. Biomarkers Prev.* 2010; 19:251-7
- Olson JE, Wang X, Pankratz VS, et al. Centrosome-related genes, genetic variation, and risk of breast cancer. *Breast Cancer Res. Treat.* 2011; 125:221-8.