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YPEL2 Antibody
Catalog # ASC11457

Specification

YPEL2 Antibody - Product Information

Application	**WB, ICC, IF**
Primary Accession	Q96QA6
Other Accession	EAW94407, 53292625
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℃ for three months and -20℃, 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

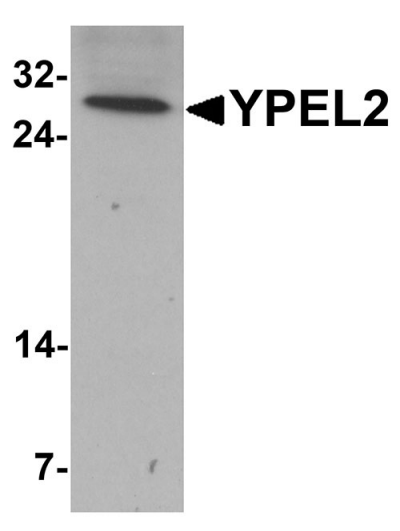
YPEL2 Antibody - Protocols

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

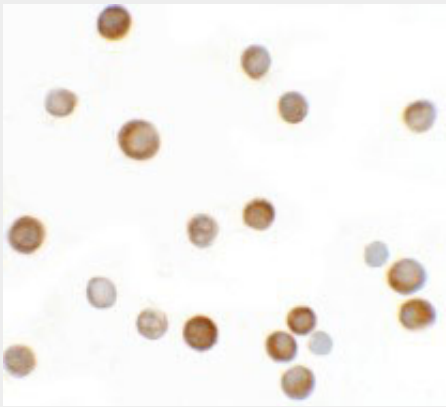
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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

YPEL2 Antibody - Images

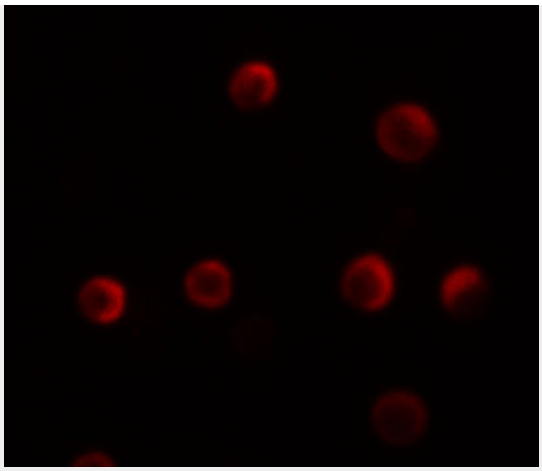


Western blot analysis of YPEL2 in HeLa cell lysate with YPEL2 antibody at 1 µg/mL.



Immunocytochemistry of YPEL2 in HeLa cells with YPEL2 antibody at 2.5 µg/mL.

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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.