Anti-YPEL4 antibody

Cat. No.	ml263169
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-YPEL4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human YPEL4
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	YPEL4
Full name	yippee like 4
Synonyms	
Swissprot	Q96NS1

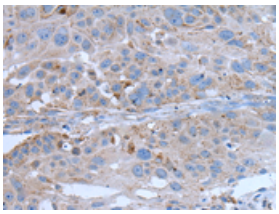
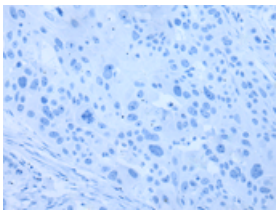
Target Background

YPEL4 (yippee-like 4) 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. YPEL4 is ubiquitously expressed in adult tissues and has been shown to associate with the major vault protein (MVP). It has been suggested that MVP can inhibit YPEL4's ability to activate Elk-1 in the MAPK signaling pathway.

Applications

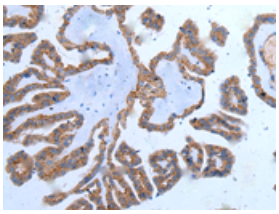
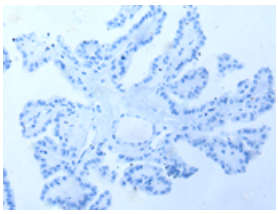
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml263169(YPEL4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml263169(YPEL4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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