

FUZ antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15188**Specification**

FUZ antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q9BT04
Other Accession	NM_001171937 , NP_001165408
Reactivity	Human, Mouse, Rat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

FUZ antibody - C-terminal region - Additional Information**Gene ID** 80199

Alias Symbol	FLJ22688, FY
Other Names	
Protein fuzzy homolog, FUZ, FY	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FUZ antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FUZ antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FUZ antibody - C-terminal region - Protein Information**Name** FUZ**Synonyms** FY**Function**

Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. Proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies. May regulate the morphogenesis of hair follicles which depends on functional primary cilia. Binds phosphatidylinositol 3-phosphate with highest affinity, followed by

phosphatidylinositol 4-phosphate and phosphatidylinositol 5-phosphate (By similarity).

Cellular Location

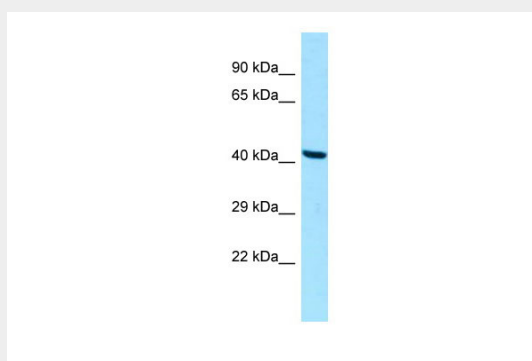
Cytoplasm {ECO:0000250|UniProtKB:Q2HZX7}. Cytoplasm, cytoskeleton
{ECO:0000250|UniProtKB:Q2HZX7}. Cytoplasm, cytoskeleton, cilium basal body
{ECO:0000250|UniProtKB:Q3UYI6}

FUZ antibody - C-terminal region - 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](#)

FUZ antibody - C-terminal region - Images



WB Suggested Anti-FUZ Antibody Titration: 1.0 µg/ml
Positive Control: HepG2 Whole Cell

FUZ antibody - C-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Grimwood J., et al. Nature 428:529-535(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.