

TMEM74 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13511

Product Information

Application	WB
Primary Accession	Q96NL1
Other Accession	NM_153015 , NP_694560
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Rat, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33338

Additional Information

Gene ID	157753
Alias Symbol	FLJ30668, NET36
Other Names	Transmembrane protein 74, TMEM74
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-TMEM74 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	TMEM74 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

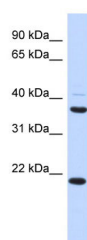
Protein Information

Name	TMEM74
Function	Plays an essential role in autophagy. TMEM74-induced autophagy may involve PI3K signal transduction.
Cellular Location	Lysosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, autophagosome membrane; Multi- pass membrane protein
Tissue Location	Expressed in heart, lung, and placenta.

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Yu C.,et al.Biochem. Biophys. Res. Commun. 369:622-629(2008).
He P.,et al.Autophagy 5:52-60(2009).

Images



WB Suggested Anti-TMEM74 Antibody Titration: 0.2-1
 $\mu\text{g/ml}$
ELISA Titer: 1:62500
Positive Control: Human heart

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