10320 Camino Santa Fe, Suite G
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TMEM74 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13511

Specification

TMEM74 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q96NL1
Other Accession	NM_153015, NP_694560
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Rat, Chicken, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**33kDa KDa**

TMEM74 antibody - middle region - 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.

TMEM74 antibody - middle region - 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

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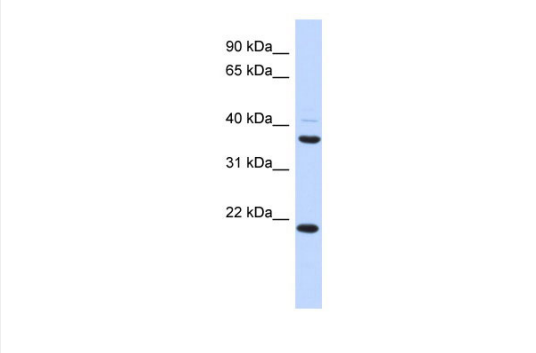
Expressed in heart, lung, and placenta.

TMEM74 antibody - middle 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 Cytomety
- Cell Culture

TMEM74 antibody - middle region - Images



WB Suggested Anti-TMEM74 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human heart

TMEM74 antibody - middle region - 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).