10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Tmem164 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14525

Specification

Tmem164 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q6PHN7
Other Accession	NM_177592, NP_808260
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**33kDa KDa**

Tmem164 antibody - N-terminal region - Additional Information

Gene ID 209497

Alias Symbol	**AI316850, AI852450, AW547186, F730011B02**

Other Names
Transmembrane protein 164, Tmem164

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-Tmem164 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
Tmem164 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Tmem164 antibody - N-terminal region - Protein Information

Name Tmem164

Function
Positive regulator of ferroptosis. Selectively mediates ATG5- dependent autophagosome formation during ferroptosis, rather than during starvation, and regulates the degradation of ferritin, GPX4 and lipid droplets to increase iron accumulation and lipid peroxidation, thereby promoting ferroptotic cell death.

Cellular Location

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

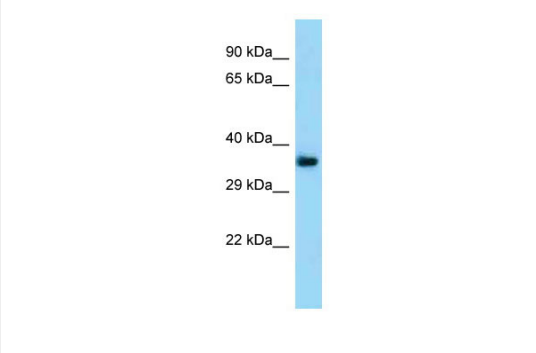
Membrane; Multi-pass membrane protein

Tmem164 antibody - N-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 Cytomety
- Cell Culture

Tmem164 antibody - N-terminal region - Images



WB Suggested Anti-Tmem164 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Tmem164 antibody - N-terminal region - References

Carninci P.,et al.Science 309:1559-1563(2005).