

TMEM2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12011

Product Information

Application	WB
Primary Accession	Q9UHN6
Other Accession	NM_013390 , NP_037522
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	154374

Additional Information

Gene ID	23670
Other Names	Transmembrane protein 2, TMEM2, KIAA1412
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-TMEM2 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	TMEM2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CEMIP2 (HGNC:11869)
Function	Cell surface hyaluronidase that mediates the initial cleavage of extracellular high-molecular-weight hyaluronan into intermediate- size hyaluronan of approximately 10-5 kDa fragments (PubMed: 37527776). Very specific to hyaluronan; not able to cleave chondroitin sulfate or dermatan sulfate. Has an essential function in systemic hyaluronan catabolism and turnover and regulates cell adhesion and migration via hyaluronan degradation at focal adhesion sites (By similarity). Acts as a regulator of angiogenesis and heart morphogenesis by mediating degradation of extracellular hyaluronan, thereby regulating VEGF signaling (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q5FWI3}; Single-pass type II membrane protein {ECO:0000250 UniProtKB:Q5FWI3}

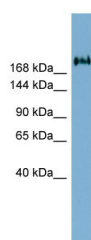
Tissue Location

Widely expressed..

References

Scott,D.A., Gene 246 (1-2), 265-274 (2000)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-TMEM2 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:312500
Positive Control: PANC1 cell lysate

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