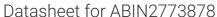
antibodies .- online.com







anti-TMEM48 antibody (Middle Region)



Publication



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Quantity:	100 μL
Target:	TMEM48
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM48 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TMEM48	
Sequence:	PPIIKYLALQ DLMLLSQYSP SRRQEVFSLS QPGGHPHNWT AISRECLNLL	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against TMEM48. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target: TMEM48

Target Details

Alternative Name:	TMEM48 (TMEM48 Products)	
Background:	TMEM48 is a component of the nuclear pore complex (NPC), which plays a key role in de novo assembly and insertion of NPC in the nuclear envelope. TMEM48 is required for NPC and nuclear envelope assembly, possibly by forming a link between the nuclear envelope membrane and soluble nucleoporins, thereby anchoring the NPC in the membrane. Alias Symbols: FLJ10407, FLJ12556, FLJ34120, NDC1, RP4-654H19.1, NET3, TMEM48 Protein Interaction Partner: UBC, Ndc1, NUP93, Protein Size: 674	
Molecular Weight:	76 kDa	
Gene ID:	55706	
NCBI Accession:	NM_018087, NP_060557	
UniProt:	Q9BTX1	

Application Details

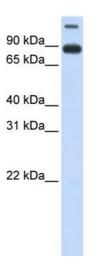
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 674 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

Publications

Product cited in:

Suzuki, Imoto, Pimkhaokham, Nakagawa, Kamata, Kozaki, Amagasa, Inazawa: "PRTFDC1, a possible tumor-suppressor gene, is frequently silenced in oral squamous-cell carcinomas by aberrant promoter hypermethylation." in: **Oncogene**, Vol. 26, Issue 57, pp. 7921-32, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-TMEM48 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Lung