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Rabbit Anti-TMEM93 antibody

SL16577R

Product Name:	TMEM93
Chinese Name:	Transmembrane protein93抗体
Alias:	Transmembrane protein 93; 0610009E20Rik; 0610025L18Rik; MGC2963; OTTMUSP00000006414; OTTMUSP00000006415; RGD1309231; RP23-263M10.8; EMC6_HUMAN; TMEM93; Transmembrane protein 93.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TMEM93:2-80/110
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	TMEM93 is a 110 amino acid protein encoded by a gene mapping to human chromosome 17. Chromosome 17 makes up over 2.5% of the human genome with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through

	DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dubé syndrome and Canavan disease are also associated with chromosome 17. **Function:** TMEM93 belongs to the TMEM93 family. It is a multi-pass membrane protein. The function of the TMEM93 protein remains unknown. **Subcellular Location:** Membrane; Multi-pass membrane protein **Similarity:** Belongs to the EMC6 family. **SWISS:** Q9BV81 **Gene ID:** 83460 **Database links:** Entrez Gene: 83460 Human Entrez Gene: 66048 Mouse Entrez Gene: 287477 Rat SwissProt: Q9BV81 Human SwissProt: Q9CQW0 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.