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TMEM158 Rabbit pAb

Catalog # AP97399

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8WZ71
Other Accession	Q8WZ71
Reactivity	Rat, Mouse
Predicted	Pig, Human, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30404
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMEM158
Epitope Specificity	188-260/300
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TMEM158 family.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TMEM158 is a 286 amino acid protein encoded by a gene mapping to human chromosome 3. Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Additional Information

Gene ID	25907
Other Names	BBP; RIS1; p40BBP; 2310037P21Rik; TM158_BOVIN; TMEM158; Ras-induced senescence protein 1; TM158_HUMAN; 40 kDa BINP-binding protein (p40BBP); HBBP; TM158_MOUSE; Mbbp; TM158_RAT; Brain-specific binding protein; transmembrane protein 158; transmembrane protein 158 (gene/pseudogene); Ras induced senescence 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1 □g/Test

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	TMEM158
Synonyms	HBBP, RIS1
Function	Receptor for brain injury-derived neurotrophic peptide (BINP), a synthetic 13-mer peptide.
Cellular Location	Membrane; Multi-pass membrane protein

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