

TMEM158 Rabbit pAb

Catalog # AP97399

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8WZ71
Other Accession	Q8WZ71
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 µg/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'.