



Anti-TMEM234 (aa 105-158) polyclonal antibody (DPABH-17958)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3 exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections.
Specificity	DPABH-17958 will recognise isoform 2 of TMEM234 (Q8WY98-2)
Immunogen	DIGGKRKLDY CECGTQLCGS RHTCVSSFPE PISPEWVRTR PFPILPFPLQ LFCF, corresponding to amino acids 105-158 of isoform 2 of Human TMEM234 isoform 2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF
Format	Liquid

Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	TMEM234 transmembrane protein 235 [Homo sapiens]
Official Symbol	TMEM234
Synonyms	TMEM234; transmembrane protein 234; AASL548; C1orf91; PRO1105; RP4-622L5; dJ622L5.7;
Entrez Gene ID	56063
Protein Refseq	NP_061991.3
UniProt ID	Q8WY98