

Product datasheet for **AP22430PU-N**

TMEM205 (142-151) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Peptide ELISA: Limit Dilution: 1/16000. Western blot: 0.03-0.1 µg/ml. Primary incubation was 1 hour. Approx 22kDa band observed in Human Pancreas lysates (calculated MW of 21.2kDa according to NP_212133.1). Immunohistochemistry on Paraffin Sections: 5µg/ml. Paraffin embedded Human Tonsil.
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_212133.1
Specificity:	Recognizes TMEM205 (142-151).
Formulation:	Tris saline, pH~7.3 with 0.02% Sodium Azide and 0.5% BSA State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transmembrane protein 205
Database Link:	Entrez Gene 374882 Human Q6UW68



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Background:

TMEM205 is a 189 amino acid protein encoded by a gene mapping to human chromosome 19. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc α receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and Insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene Bcl-3.

Synonyms:

Transmembrane protein 205

Product images:

TMEM205 antibody staining of Human Pancreas lysate at 0.03 μ g/ml (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.