

Product datasheet for **AP31748PU-N**

TAPA1 (CD81) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 2.5 µg/ml. Western Blot: 1/1000 - 1/4000.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide
Specificity:	This Polyclonal antibody is directed against Human CD81 protein.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
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:	CD81 molecule
Database Link:	Entrez Gene 975 Human P60033



[View online »](#)

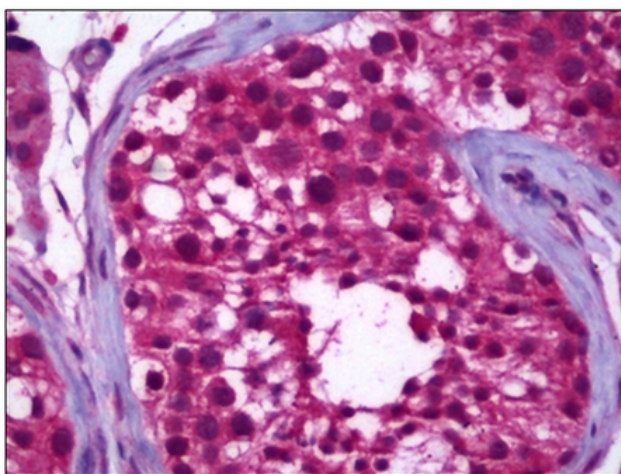
Background: TAPA1, or CD81, is a member of the transmembrane 4 superfamily, also known as the Tetraspanin family. Most of these members are cell surface proteins that are characterised by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. TAPA1 is a cell surface glycoprotein that is known to complex with integrins. It appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. TAPA1 gene is localized in the tumor suppressor gene region and thus it is a candidate gene for malignancies.

Synonyms: S5.7; TAPA-1; TAPA1; Tetraspanin-28; Tspan-28; TSPAN28

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: B cell receptor signaling pathway

Product images:



Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)