

Product datasheet for **AP22445PU-N**

VPS29 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	Peptide ELISA: Limit Dilution: 1/16000. Western Blot: Preliminary experiments gave an approx 60kDa band in Human Spleen lysates after 0.3 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 20.5kDa according to NP_057310.1 and 20.9kDa according to NP_476528.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide. Immunohistochemistry on Paraffin Sections: 4-8 µg/ml. In paraffin embedded Human Uterus shows vesicular and membranous staining in the endometrial glands.
Reactivity:	Canine, Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_057310.1; NP_476528.1.
Specificity:	This antibody is expected to recognize both reported isoforms (NP_057310.1 and NP_476528.1).
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:	VPS29 retromer complex component



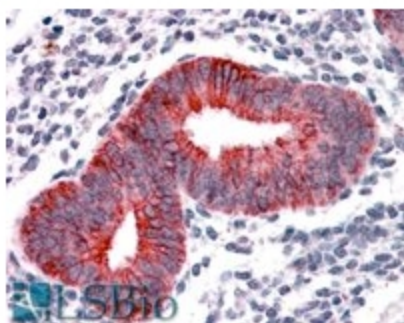
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Database Link: [Entrez Gene 56433 Mouse](#)[Entrez Gene 288666 Rat](#)[Entrez Gene 51699 Human](#)
[Q9UBQ0](#)

Background: VPS29, VPS30, and VPS35 proteins are required for the normal recycling of Vps10p, a late Golgi transmembrane protein that acts as the sorting receptor for soluble vacuolar hydrolases, from the prevacuolar endosome back to the Golgi.

Synonyms: Vesicle protein sorting 29, PEP11, DC7, DC15, MDS007

Product images:



VPS29 antibody staining of paraffin embedded Human Uterus at 3.8 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.