

Product datasheet for **TA326997**

ATP6AP1 Rabbit Polyclonal Antibody

Product data:

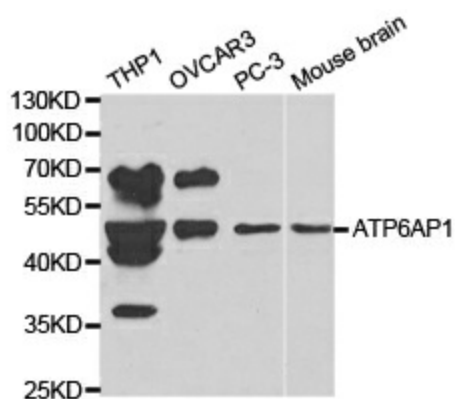
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human ATP6AP1
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ATPase H ⁺ transporting accessory protein 1
Database Link:	NP_001174 Entrez Gene 83615 Rat Q15904
Background:	This gene encodes a component of a multisubunit enzyme (1 mDa MW) that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene is approximately 45 kD and may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules.
Synonyms:	16A; Ac45; ATP6IP1; ATP6S1; CF2; VATPS1; XAP-3; XAP3
Protein Families:	Transmembrane



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Protein Pathways: Epithelial cell signaling in Helicobacter pylori infection, Lysosome, Metabolic pathways, Oxidative phosphorylation, Vibrio cholerae infection

Product images:



Western blot analysis of extracts of various cell lines, using ATP6AP1 antibody.