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VAT1L Rabbit pAb

Catalog # AP97600

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9HCJ6
Other Accession	Q9HCJ6
Reactivity	Rat, Mouse
Predicted	Pig, Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45899
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human VAT1L
Epitope Specificity	321-419/419
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 16 encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, though through the CREBBP gene which encodes a critical CREB binding protein. Signs of Rubinstein-Taybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias. Crohn's disease is a gastrointestinal inflammatory condition associated with chromosome 16 through the NOD2 gene. An association with systemic lupus erythematosis and a number of other autoimmune disorders with the pericentromeric region of chromosome 16 has led to the identification of SLC5A11 as a potential autoimmune modifier. The KIAA1576 gene product has been provisionally designated KIAA1576 pending further characterization.

Additional Information

Gene ID	57687
Other Names	VAT1L_HUMAN; VAT1L; 1.-.-.-; KIAA1576; vesicle amine transport 1 like; vesicle amine transport protein 1 homolog (T. californica)-like; vesicle amine transport 1-like
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	VAT1L (HGNC:29315)
Function	Putative NADPH-dependent quinone oxidoreductase.
Tissue Location	Detected in skin fibroblasts.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.