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anti-VPS45 antibody





Go to Product page

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Quantity:	200 μL	
Target:	VPS45	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This VPS45 antibody is un-conjugated	
Application:	ELISA, Immunohistochemistry (IHC)	

Product Details

Immunogen:	Fusion protein of human VPS45	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	VPS45
Alternative Name:	VPS45 (VPS45 Products)
Background:	Vesicle mediated protein sorting plays an important role in segregation of intracellular
	molecules into distinct organelles. Genetic studies in yeast have identified more than 40
	vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a
	member of the Sec1 domain family, and shows a high degree of sequence similarity to mouse,

Target Details

$ \hbox{rat and yeast Vps} 45. \hbox{ The exact function of this gene is not known, but its high expression in} \\$	
peripheral blood mononuclear cells suggests a role in trafficking proteins, including	
inflammatory mediators. Multiple alternatively spliced transcript variants have been found fo	
this gene.	

UniProt: Q9NRW7

Pathways: Transition Metal Ion Homeostasis, Synaptic Vesicle Exocytosis

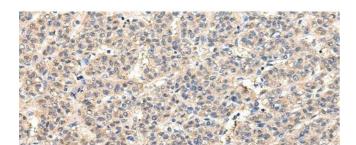
Application Details

Application Notes: IHC 1:30-150, ELISA 1:2000-10000

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.1 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using VPS45 Polyclonal Antibody at dilution 1:50