

Anti-VIP Receptor 1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 47 kDa. Actual: 60 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Mouse Liver tissue lysates
	Lane 2: Rat Liver tissue lysates
	Lane 3: Human Raji cell lysates
	Lane 4: Human Jurkat cell lysates
	Lane 5: Human FHC cell lysates
	Lane 6: Human 293T cell lysates
	Lane 7: Human MCF-7 cell lysates
	Primary: Anti-VIP Receptor 1 (TMAB-14107) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 47 kDa
	Observed band size: 60 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human VIP Receptor 1
Antigen Species:	Human
Gene ID:	7433
Uniprot ID:	P32241

Research Background

This is a receptor for VIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The affinity is VIP = PACAP-27 > PACAP-38.

Tissue specificity: In lung, HT29 colonic epithelial cells, Raji B-lymphoblasts. Lesser extent in brain, heart, kidney, liver and placenta. Not expressed in CD4+ or CD8+ T-cells. Expressed in the T-cell lines HARRIS, HuT 78, Jurkat and Tsup-1, but not in the T-cell lines PEER, MOLT-4, HSB and YT.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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