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## anti-VEZT antibody (AA 480-530)



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Overview		
Quantity:	0.1 mg	
Target:	VEZT	
Binding Specificity:	AA 480-530	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This VEZT antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)	
Product Details		
Immunogen:	VEZT antibody was raised against a 17 amino acid peptide near the center of human VEZT. The immunogen is located within amino acids 480 - 530 of VEZT.	
Isotype:	IgG	
Specificity:	VEZT antibody is human, mouse and rat reactive. Multiple isoforms are known to exist.	
Purification:	VEZT antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	VEZT	
Alternative Name:	VEZT (VEZT Products)	

## Target Details

Background:	Vezatin (VEZT) is a transmembrane protein which localizes to adherens junctions and binds to	
	myosin VIIA and the cadherin-catenins complex (1). Expression of this gene in gastric cancer	
	tissues is decreased due to hypermethylation of the promoter. Expression of this gene may	
	also be inhibited by binding of a specific microRNA to a target sequence in the 3' UTR of the	
	transcripts (2). VEZT has also been shown to be required for morphogenesis of the	
	preimplantation mouse embryo (3).	
Molecular Weight:	Predicted: 63, 68, 78, 81, 83, 86 kDa	
	Observed: 60 kDa	
Gene ID:	55591	
NCBI Accession:	NP_060069	
UniProt:	Q9HBM0	
Application Details		
Application Notes:	VEZT antibody can be used for detection of VEZT by Western blot at 1 - 2 μ,g/mL. Antibody car	
	also be used for Immunohistochemistry starting at 5 $\mu$ ,g/mL. For immunofluorescence start at	
	20 μ,g/mL.	
	Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and	
	Immunofluorescence in rat samples. All other applications and species not yet tested.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	VEZT antibody is supplied in PBS containing 0.02 % sodium azide.	
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,4 °C	
Storage Comment:	VEZT antibody can be stored at 4°C for three months and -20°C, stable for up to one year.	