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Datasheet for ABIN733748

anti-WNT1 antibody (AA 251-350)





Publications



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Quantity:	100 μL
Target:	WNT1
Binding Specificity:	AA 251-350
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Wnt1	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Predicted Reactivity:	Cow,Horse,Chicken	
Purification:	Purified by Protein A.	
T 10.1.1		

Target Details

Target: WNT1

Target Details

rarget Details		
Alternative Name:	Wnt1 (WNT1 Products)	
Background:	Synonyms: INT1, OI15, BMND16, Proto-oncogene Wnt-1, Proto-oncogene Int-1 homolog, WNT1	
	Background: Ligand for members of the frizzled family of seven transmembrane receptors. In	
	some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt	
	signaling. Probable developmental protein. May be a signaling molecule important in CNS	
	development. Is likely to signal over only few cell diameters. Has a role in osteoblast function	
	and bone development.	
Gene ID:	7471	
UniProt:	P04628	
Pathways:	WNT Signaling, Dopaminergic Neurogenesis	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	

Product cited in:

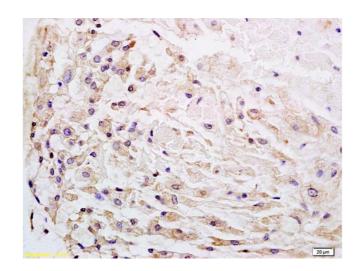
Chen, Chen, Wallace, Chen, Yang, Sung, Chiang, Chen, Chua, Yip, Cheng: "Combined therapy with melatonin and exendin-4 effectively attenuated the deterioration of renal function in rat cardiorenal syndrome." in: **American journal of translational research**, Vol. 9, Issue 2, pp. 214-229, (2017) (PubMed).

Shan, Lv, Zhao, Liu, Sun, Xi, Xiao, Li: "Wnt/β-catenin pathway is required for epithelial to mesenchymal transition in CXCL12 over expressed breast cancer cells." in: **International journal of clinical and experimental pathology**, Vol. 8, Issue 10, pp. 12357-67, (2016) (PubMed).

Gao, Yang, Gao, Xu, Niu, Li, Wen: "Salvianolic acid B improves bone marrow-derived mesenchymal stem cell differentiation into alveolar epithelial cells type I via Wnt signaling." in: **Molecular medicine reports**, Vol. 12, Issue 2, pp. 1971-6, (2015) (PubMed).

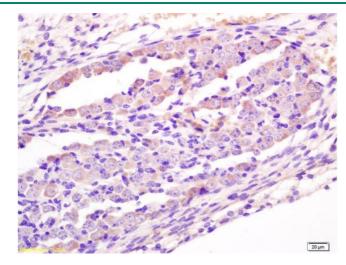
Gao, Liu, Chen, Lv, Wu, Mi, Wang: "Comparative study of Hsp27, GSK3?, Wnt1 and PRDX3 in Hirschsprung's disease." in: **International journal of experimental pathology**, Vol. 95, Issue 3, pp. 229-37, (2014) (PubMed).

Images



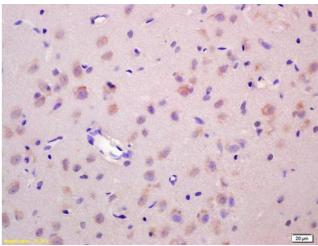
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti-Wnt1 Polyclonal Antibody, Unconjugated (ABIN733748) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse embryo labeled with Anti-Wnt1 Polyclonal Antibody, Unconjugated (ABIN733748) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded rat brain labeled with Anti-Wnt1 Polyclonal Antibody, Unconjugated (ABIN733748) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

Please check the product details page for more images. Overall 4 images are available for ABIN733748.