

Rabbit anti-Human, Rat Wnt10a Polyclonal Antibody | anti-Wnt10a antibody

Wnt10a Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327231	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Wnt10a; Polyclonal Antibody; Wnt10a Antibody; FLJ14301; OODD; Protein Wnt-10a; SSPS; STHAG4; Wingless type MMTV integration site family member 10A; WN10A_HUMAN; wnt10a; anti-Wnt10a antibody

PRODUCT SPECIFICATIONS

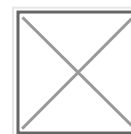
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Wnt10a antibody detects endogenous levels of total Wnt10a
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-Wnt10a antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Wnt10a
Subcellular Location	Secreted > Extracellular Space > Extracellular Matrix.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Wnt10a using COLO205 whole cell lysates



IHC (Immunohistochemistry)

AAA327231 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-Wnt10a antibody	Function: Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt/beta-catenin signaling pathway (By similarity). Plays a role in normal ectoderm development (PubMed:17847007, PubMed:28589954). Required for normal tooth development (PubMed:17847007, PubMed:29178643, PubMed:28589954). Required for normal postnatal development and maintenance of tongue papillae and sweat ducts (PubMed:28589954). Required for normal proliferation of basal cells in tongue filiform papillae, plantar epithelium and sweat ducts. Required for normal expression of keratins in tongue papillae (By similarity). Required for normal expression of KRT9 in foot plant epithelium (PubMed:28589954). Required for normal hair follicle function (PubMed:28589954). Subunit Structure: Forms a soluble 1:1 complex with AFM; this prevents oligomerization and is required for prolonged biological activity (PubMed:26902720). The complex with AFM may represent the physiological form in body fluids (PubMed:26902720). Post-translational Modifications: Palmitoleoylation is required for efficient binding to frizzled receptors. Depalmitoleoylation leads to Wnt signaling pathway inhibition. Similarity: Belongs to the Wnt family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16936520
NCBI GeneID	80326
NCBI Accession #	NP_079492.2
NCBI GenBank Nucleotide #	NM_025216.2
UniProt Accession #	Q9GZT5; Q53S44; Q96TA7; Q9H7S8
Molecular Weight	Observed: 46 kDa Predicted: 47 kDa
NCBI Official Full Name	protein Wnt-10a
NCBI Official Synonym Full Names	Wnt family member 10A
NCBI Official Symbol	WNT10A
NCBI Official Synonym Symbols	OODD; SSPS; STHAG4
NCBI Protein Information	protein Wnt-10a
UniProt Protein Name	Protein Wnt-10a
UniProt Gene Name	WNT10A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wnt10a-antibody-immunohistochemistry-western-blot-elisa/327231>