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Wnt8A Rabbit pAb

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Catalog # AP58382

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H1J5
Reactivity	Rat, Mouse
Predicted	Dog, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38849
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Wnt8A
Epitope Specificity	201-300/351
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family, and may be implicated in development of early embryos as well as germ cell tumors. It encodes a protein which shows 81% amino acid identity to the mouse Wnt8A protein.

Additional Information

Gene ID	7478
Other Names	Protein Wnt-8a, Protein Wnt-8d, WNT8A, WNT8D
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

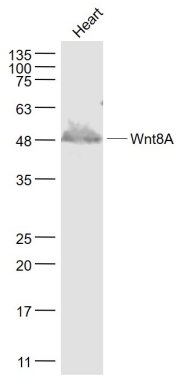
Name	WNT8A

Synonyms	WNT8D
Function	Ligand for members of the frizzled family of seven transmembrane receptors. Plays a role in embryonic patterning.
Cellular Location	Secreted, extracellular space, extracellular matrix. Secreted

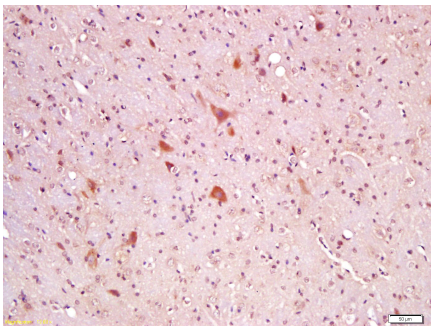
Background

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Images



Sample:
Heart (Mouse) Lysate at 40 ug
Primary: Anti- Wnt8A (AP58382) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kD
Observed band size: 48 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-Wnt8A Polyclonal Antibody, Unconjugated(AP58382) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.