

# Wnt8A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58382

## Product Information

---

<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q9H1J5</a>
<b>Reactivity</b>	Rat, Dog
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	38849
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Wnt8A
<b>Epitope Specificity</b>	201-300/351
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Secreted, extracellular space, extracellular matrix.
<b>SIMILARITY</b>	Belongs to the Wnt family.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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

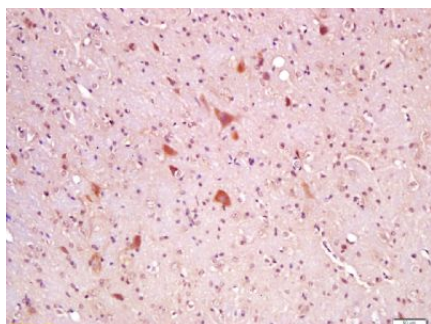
---

<b>Gene ID</b>	7478
<b>Other Names</b>	Protein Wnt-8a, Protein Wnt-8d, WNT8A, WNT8D
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

<b>Name</b>	WNT8A
<b>Synonyms</b>	WNT8D
<b>Function</b>	Ligand for members of the frizzled family of seven transmembrane receptors. Plays a role in embryonic patterning.
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix. Secreted

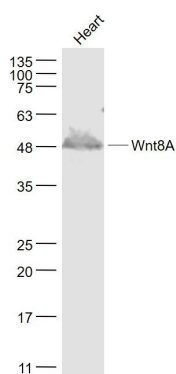
## Images



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°C 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



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

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