

## ARG64623 anti-Frizzled 2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Frizzled 2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Frizzled 2
Species	Human
Immunogen	RYATLEHPFHCPR
Conjugation	Un-conjugated
Alternate Names	fzE2; FzE2; Fz2; Frizzled-2; hFz2; Fz-2; fz-2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	IHC-P	2 - 5 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

## Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

### Database links

[GeneID: 2535 Human](#)

[Swiss-port # Q14332 Human](#)

### Background

This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways. [provided by RefSeq, Dec 2010]

### Research Area

Cancer antibody; Developmental Biology antibody; Signaling Transduction antibody

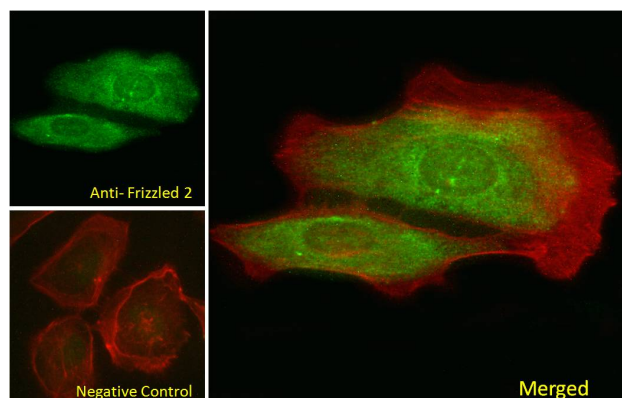
### Calculated Mw

64 kDa

### PTM

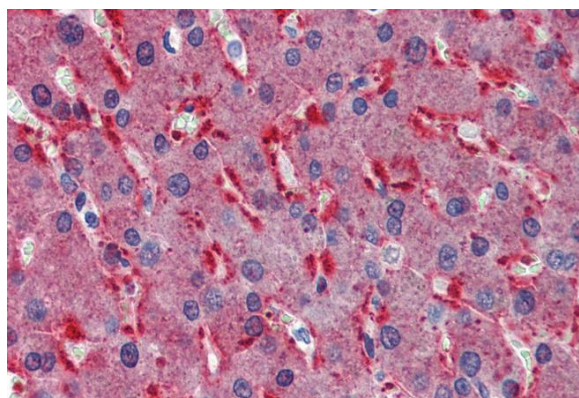
Ubiquitinated by ZNRF3, leading to its degradation by the proteasome.

## Images



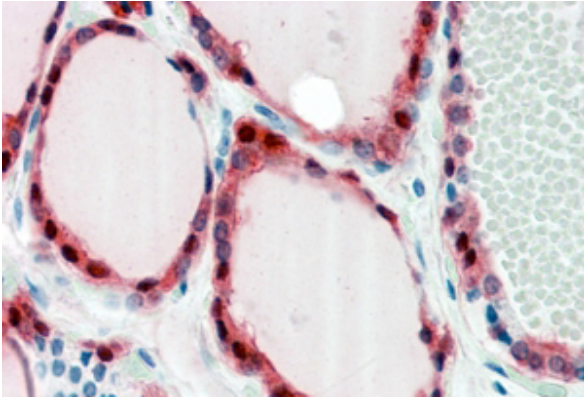
ARG64623 anti-Frizzled 2 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG64623 anti-Frizzled 2 antibody (green) at 10 µg/ml dilution for 1 hour. Phalloidin (red) for Actin filaments staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG64623 anti-Frizzled 2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64623 anti-Frizzled 2 antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG64623 anti-Frizzled 2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Thyroid Gland. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64623 anti-Frizzled 2 antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG64623 anti-Frizzled 2 antibody WB image

Western blot: 35 µg of Human heart (A) and Human placenta (B) (in RIPA buffer) stained with ARG64623 anti-Frizzled 2 antibody at 0.03 µg/ml (A) and 0.1 µg/ml (B) dilutions and incubated at RT for 1 hour.