

Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

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## **GOAT ANTI-FRIZZLED 2 ANTIBODY**

**SKU:** EB08353



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## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias

frizzled 2|frizzled homolog 2 (Drosophila)|FZD2

Names

Usage <strong>Immunofluorescence:</strong> Strong expression of the protein seen in the nuclei and cytoplasm of

Summary U2OS cells. Recommended concentration: 10µg/ml.

Accession

ID

NP 001457.1

EBP08353

**Blocking** 

**Peptide** 

Peptide with sequence RYATLEHPFHCPR, from the internal region of the protein sequence according to

**Immunogen** NP 001457.1.

**Peptide** 

Sequence

RYATLEHPFHCPR

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

**Predicted** 

**Species** 

Human, Mouse, Rat

Reactive

Human Species

Human

2535 **Gene ID** 

Mouse Gene ID

57265

**Rat Gene ID** 64512

**Product** 

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_plus\_medium.png

In paraffin embedded Human Thyroid Gland shows cytoplasm and membranous staining in epithelial cells of the IHC Results follicles. Recommended concentration: 2-5µg/ml. Paraffin embedded Human Liver. Recommended concentration:

 $2.5\mu g/ml$ .

**ELISA** 

**Blot** 

**Detection** Limit

Antibody detection limit dilution 1:64000.

Approx 60-65kDa band observed in Human Heart and Placenta lysates (calculated MW of 63.6 kDa according to Western NP\_001457.1) An additional band of approx. 24kDa was also observed in some lysates which was successfully

blocked by incubation with the immunizing peptide. Recommended concentration: 0.03-0.1µg/ml. Primary

incubation 1 hour at room temperature.





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**Application** Pep-ELISA, WB, IF, IHC

## **SELECTED REFERENCES**

[{"pmid": 23748645, "intro": "This antibody has been successfully used in IHC on Human:", "title": "Immunoreactivity of Wnt5a, Fzd2, Fzd6, and Ryk in glioblastoma: evaluative methodology for DAB chromogenic immunostaining.", "author": "Hirano H, Yonezawa H, Yunoue S, Habu M, Uchida H, Yoshioka T, Kishida S, Kishida M, Oyoshi T, Fujio S, Sugata S, Yamahata H, Hanaya R, Arita K.", "journal": "Brain Tumor Pathol. 2014 Apr;31(2):85-93."}, {"pmid": 35724395, "intro": "This antibody has been successfully used in IHC:", "title": "Case report: molecular analysis of congenital glioblastoma in a newborn", "author": "Alexandra Maráczi, Béla Kajtár, Ádám Nagy, Eszter Györke, Petra Görög, Józsefné Kurucz, Bernadette Kálmán, Ferenc Garzuly", "journal": "Magy Onkol. 2022 Jun 20;66(2):162-167."}]

## **GALLERY IMAGES**



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