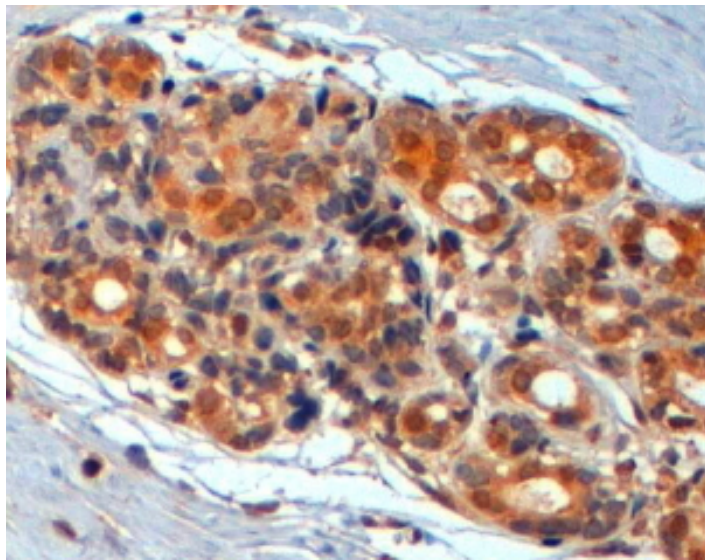


GOAT ANTI-WNT3 ANTIBODY

SKU: EB07253



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

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

Synonym / Alias Names WNT-3 proto-oncogene protein precursor|MGC138323|MGC138321|MGC131950|INT4|wingless-type MMTV integration site family, member 3|WNT3

Accession ID NP_110380.1

Blocking Peptide EBP07253

Immunogen Peptide with sequence CGRGHNTRTEKRKEK, from the internal region of the protein sequence according to NP_110380.1.

Peptide Sequence CGRGHNTRTEKRKEK

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human
Human Gene ID	7473
Mouse Gene ID	22415
Rat Gene ID	24882
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Breast shows cytoplasm staining in some luminal epithelial cells. Recommended concentration: 2-4µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 40kDa band observed in lysates of cell line HEK293 (calculated MW of 39.6kDa according to NP_110380.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 24482229, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Wnt protein-mediated satellite cell conversion in adult and aged mice following voluntary wheel running.", "author": "Fujimaki S, Hidaka R, Asashima M, Takemasa T, Kuwabara T.", "journal": "J Biol Chem. 2014 Mar 14;289(11):7399-412."}, {"pmid": 21746862, "intro": "**This antibody (previous batch) has been successfully used in ICC/IF on Mouse:**", "title": "Reduction in paracrine Wnt3 factors during aging causes impaired adult neurogenesis.", "author": "Okamoto M, Inoue K, Iwamura H, Terashima K, Soya H, Asashima M, Kuwabara T.", "journal": "FASEB J. 2011 Jul 11."}, {"pmid": 27226528, "intro": "**This antibody (previous batch) has been successfully used in IHC on Rat:**", "title": "Diabetes Impairs Wnt3 Protein-induced Neurogenesis in Olfactory Bulbs via Glutamate Transporter 1 Inhibition.", "author": "Wakabayashi T, Hidaka R, Fujimaki S, Asashima M, Kuwabara T.", "journal": "J Biol Chem. 2016 Jul 15;291(29)"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

