

## Goat anti-WNT3 Antibody

<b>Item Number</b>	dAP-0861
<b>Target Molecule</b>	Principle Name: WNT3; Official Symbol: WNT3; All Names and Symbols: WNT3 ; wingless-type MMTV integration site family, member 3 ; INT4; MGC131950; MGC138321; MGC138323 ; WNT-3 proto-oncogene protein precursor ; Accession Number (s): NP_110380.1; Human Gene ID(s): 7473; Non-Human GeneID (s): 22415 (mouse) 24882 (rat)
<b>Immunogen</b>	CGRGHNTRTEKRKEK, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Breast shows cytoplasm staining in some luminal epithelial cells. Recommended concentration: 2-4µg/ml.
<b>Reference</b>	Reference(s): Schmitt AM, Shi J, Wolf AM, Lu CC, King LA, Zou Y. Wnt-Ryk signalling mediates medial-lateral retinotectal topographic mapping. Nature. 2006 Jan 5;439(7072):31-7. .PMID: 16280981 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**