

AP00591PU-N**Polyclonal Antibody to Protein Wnt-3a - Aff - Purified -****Alternate names:** Protein Wnt-3a**Quantity:** 0.1 mg**Uniprot ID:** [P56704](#)**NCBI:** [NP_149122.1](#)**GeneID:** [89780](#)**Host:** Rabbit**Immunogen:** *E.Coli* derived recombinant Human WNT-3a**Format:** **State:** Lyophilized (sterile filtered) purified Ig fraction**Purification:** Affinity Chromatography**Buffer System:** PBS, pH 7.2 without preservatives**Endotoxin Level:** < 0.1 ng/μg of Protein**Reconstitution:** Restore in sterile water to a concentration of 0.1-1.0 mg/ml.**Applications:****Sandwich ELISA:** To detect Human WNT-3a by Sandwich ELISA (using 100 μl/well antibody solution) a concentration of 0.5-2.0 μg/ml is required. This affinity purified polyclonal antibody, in conjunction with Biotin conjugated Polyclonal Anti-Human WNT-3a (AP00591BT-N or AP00591BT-S) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human WNT-3a.**Western Blot:** To detect Human WNT-3a by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hWNT-3a is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.**Immunohistochemistry:** 0.125-0.25 μg/ml with an overnight incubation at 4°C. This antibody stained Formalin-Fixed, Paraffin-Embedded sections of Human breast invasive ductal carcinoma. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer is recommended. *Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.*

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects Human WNT-3a. Other species not tested.

Add. Information:

Centrifuge vial prior to opening.

Storage:

Store lyophilized at 2-8°C for 6 months or at -20°C long term.

After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 0.125 mg/ml-0.25 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. *Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.*

