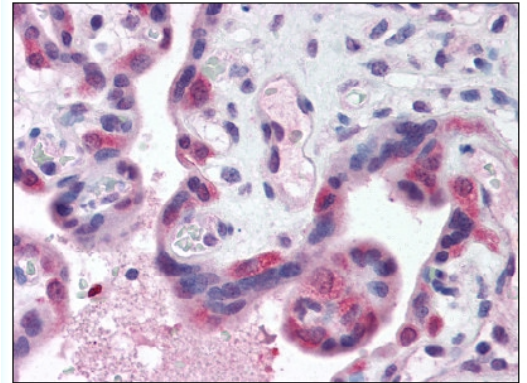


AP07838PU-N**Polyclonal Antibody to CD283 / TLR3 (N-term) - Purified****Alternate names:** Toll-like receptor 3**Quantity:** 50 µg**Concentration:** 1 mg/ml**Background:** TLR3 is a member of the Toll like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from drosophila to humans and share structural and functional similarities. They recognize pathogen associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection, and induces the activation of NF kappaB and the production of type I interferons. It may thus play a role in host defense against viruses. Use of alternative polyadenylation sites to generate different length transcripts has been noted for this gene.**Uniprot ID:** [O15455](#)**NCBI:** [9606](#)**Host:** Rabbit**Immunogen:** 15 amino acids near the N-terminus of human TLR3**Format:** **State:** Liquid purified Ig fraction.
Purification: Ion Exchange Chromatography.
Buffer System: PBS containingt 0.02% Sodium Azide as preservative.**Applications:** **Immunohistochemistry on Paraffin Sections:** 5 µg/ml.
Western Blot: 1 - 2 µg/ml.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.**Specificity:** This antibody recognises Toll-like Receptor 3 (TLR3).**Species Reactivity:** **Tested:** Human.
Expected from sequence similarity: Mouse.**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures:

AP07838PU-N TLR3 antibody Staining of Formalin-Fixed Paraffin-Embedded Human Placenta at 5 µg/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



AP07838PU-N TLR3 antibody Staining of Formalin-Fixed Paraffin-Embedded Human Pancreas at 5 µg/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

