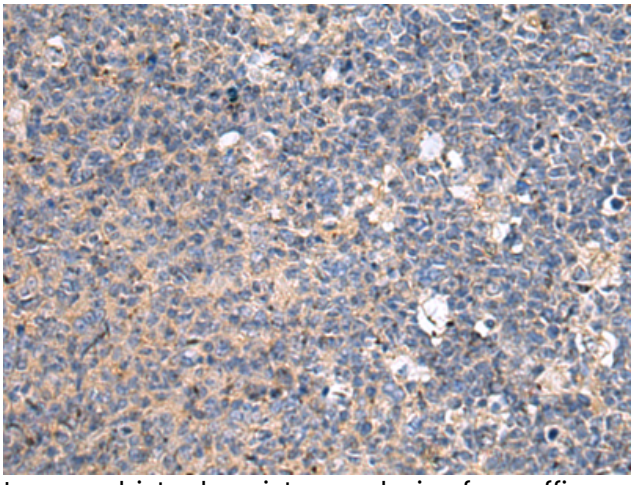
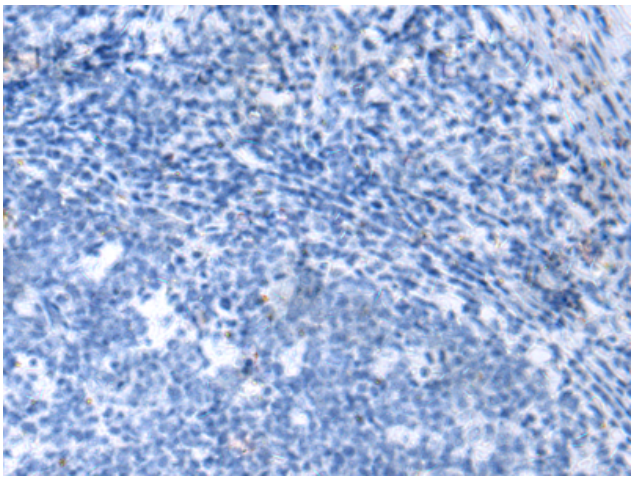
# ACTR1A RABBIT PAB

**Cat.#:** S216927
**Product Name:** Anti-ACTR1A Rabbit Polyclonal Antibody
**Synonyms:** ARP1; Arp1A; CTRN1
**UNIPROT ID:** P61163 (Gene Accession - BC000693 )
**Background:** This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin.
**Immunogen:** Fusion protein of human ACTR1A
**Applications:** ELISA, IHC
**Recommended Dilutions:** IHC: 50-100; ELISA: 5000-10000
**Host Species:** Rabbit
**Clonality:** Rabbit Polyclonal
**Isotype:** Immunogen-specific rabbit IgG
**Purification:** Antigen affinity purification
**Species Reactivity:** Human, Mouse, Rat
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
**Research Areas:** Signal Transduction
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 216927(ACTR1A Antibody) at a dilution of 1/75(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 216927(Anti-ACTR1A Antibody) at dilution 1/75.