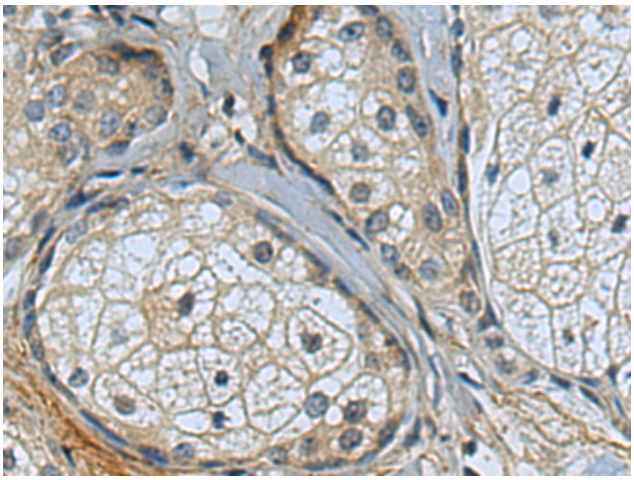
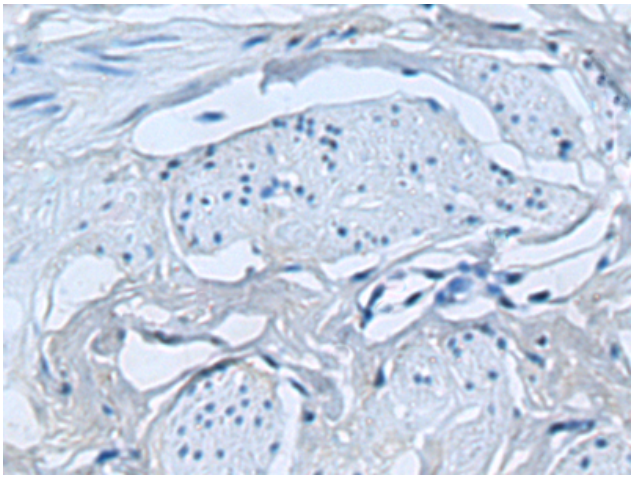
# VAC14 RABBIT PAB

**Cat.#:** S212849
**Product Name:** Anti-VAC14 Rabbit Polyclonal Antibody
**Synonyms:** TRX; TAX1BP2; ArPIKfyve
**UNIPROT ID:** Q08AM6 (Gene Accession - BC007214 )
**Background:** This gene encodes a scaffold protein that is a component of the PIKfyve protein kinase complex. This complex is responsible for the synthesis of phosphatidylinositol 3,5-bisphosphate, an important component of cellular membranes, from phosphatidylinositol 3-phosphate. Mice lacking a functional copy of this gene exhibit severe neurodegeneration. Mutations in the human gene have been identified in patients with a childhood onset progressive neurological disorder characterized by impaired movement, dystonia, and striatal abnormalities.
**Immunogen:** Fusion protein of human VAC14
**Applications:** ELISA, IHC
**Recommended Dilutions:** IHC: 100-200; 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 breast cancer tissue using 212849(VAC14 Antibody) at a dilution of 1/140(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 212849(Anti-VAC14 Antibody) at dilution 1/140.