

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## STAU2 RABBIT PAB

Cat.#: S218795

**Product Name:** Anti-STAU2 Rabbit Polyclonal Antibody

**Synonyms:** 39K2; 39K3

**UNIPROT ID:** Q9NUL3 (Gene Accession - BC008370)

**Background:** Staufen homolog 2 is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. Staufen homolog 2 shares 48.5% and 59.9% similarity with drosophila and human staufen, respectively. The exact function of Staufen homolog 2 is not known, but since it contains 3 copies of conserved dsRNA binding domain, it could be involved in double-stranded RNA binding events. Several transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Fusion protein of human STAU2

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 40-200; 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

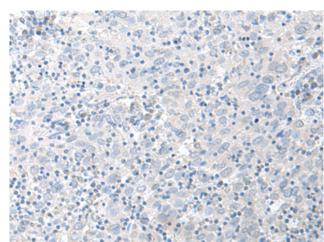
Research Areas: Epigenetics and Nuclear Signaling, Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

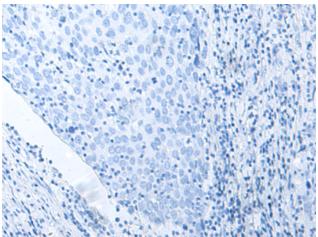


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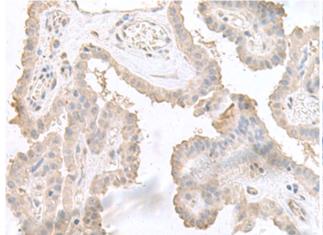
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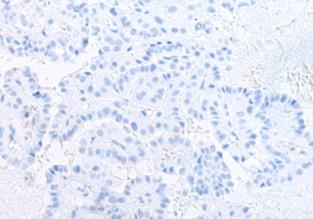
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 218795(STAU2 Antibody) at a dilution of 1/45(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 218795(Anti-STAU2 Antibody) at dilution 1/45.



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 218795(Anti-STAU2 Antibody) at a dilution of 1/45.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D225208(Anti-STAU2 Antibody) at dilution 1/45.