

Product datasheet for **TA364666S**

DRAK2 (STK17B) Rabbit Polyclonal Antibody

Product data:

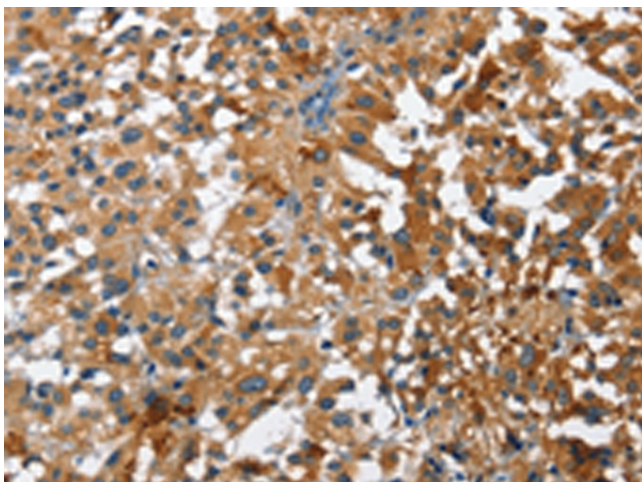
| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human STK17B |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Gene Name: | serine/threonine kinase 17b |
| Database Link: | Entrez Gene 9262 Human O94768 |

Background: The full-length STK17B cDNA clone encodes a deduced 372-amino acid protein with a molecular mass of 42.34 kD. The putative kinase domain is located at the N terminus and contains all 11 subdomains conserved among ser/thr kinases. STK17A and STK17B share 59.7% amino acid identity. Northern blot analysis revealed that STK17B was expressed in various tissues, such as heart, placenta, liver, and pancreas, as different-sized transcripts, presumably due to differences in the 3-prime untranslated region. Transient transfection of COS-7 cells showed that STK17B localized in nuclei. Phosphorylates myosin light chains. Acts as a positive regulator of apoptosis.

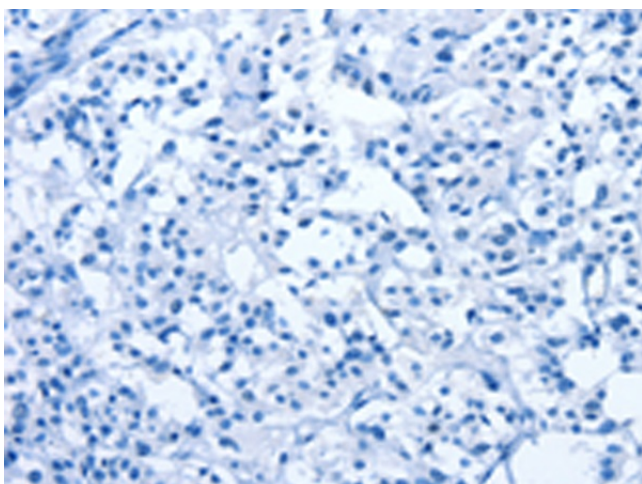
Synonyms: DRAK2; OTTHUMP00000205666



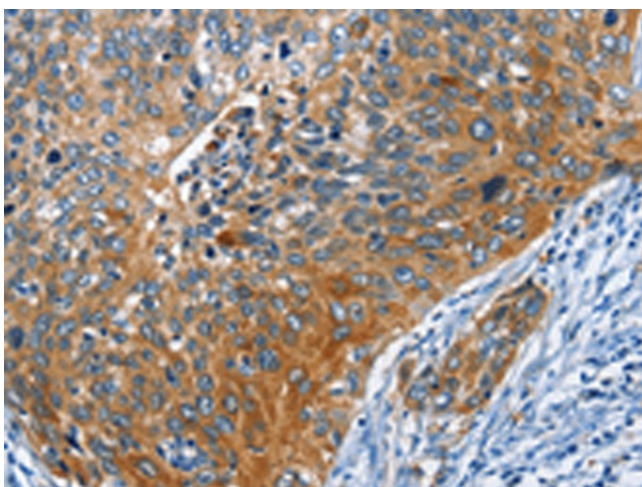
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Product images:

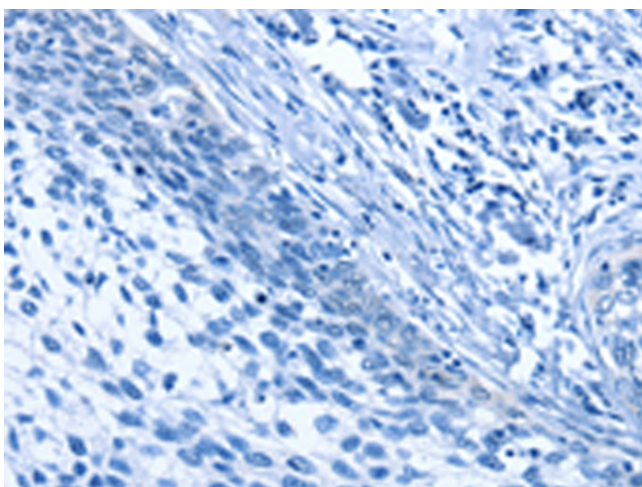
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA364666] (STK17B Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA364666] (STK17B Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA364666] (STK17B Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA364666] (STK17B Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)