

## Product datasheet for **TA349656**

### **DRAK2 (STK17B) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 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 <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	serine/threonine kinase 17b
Database Link:	<a href="#">NP_004217</a> <a href="#">Entrez Gene 98267 Mouse</a> <a href="#">Entrez Gene 170904 Rat</a> <a href="#">Entrez Gene 9262 Human</a> <a href="#">O94768</a>
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.

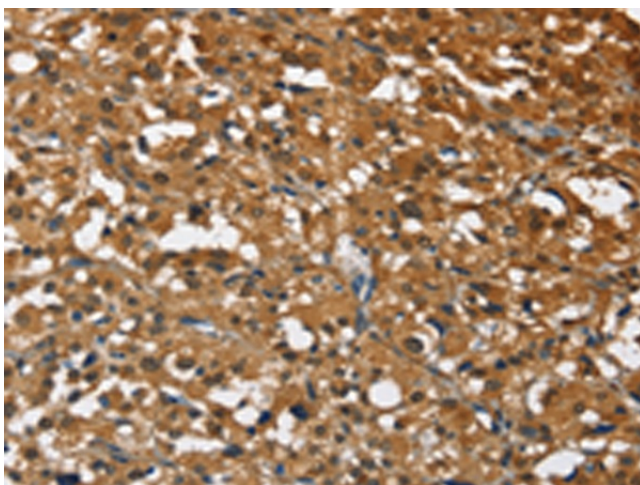


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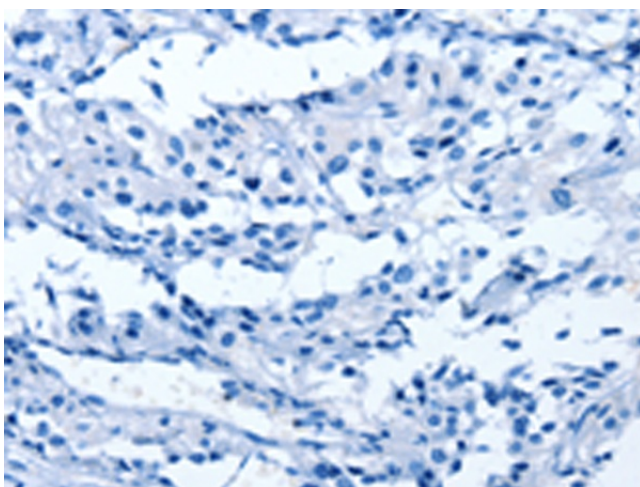
Synonyms: DRAK2

Protein Families: Druggable Genome, Protein Kinase

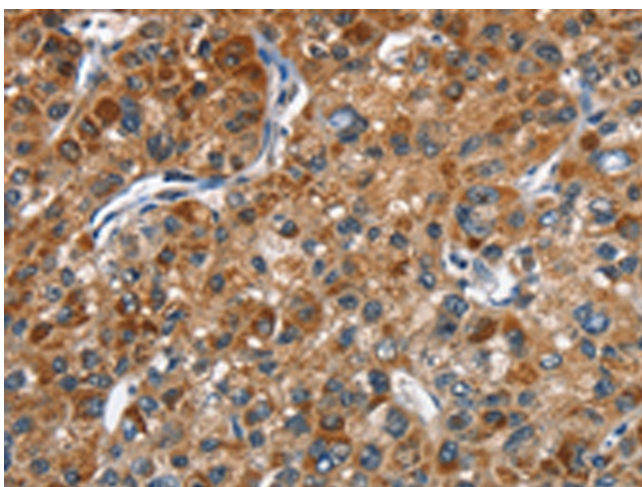
### Product images:



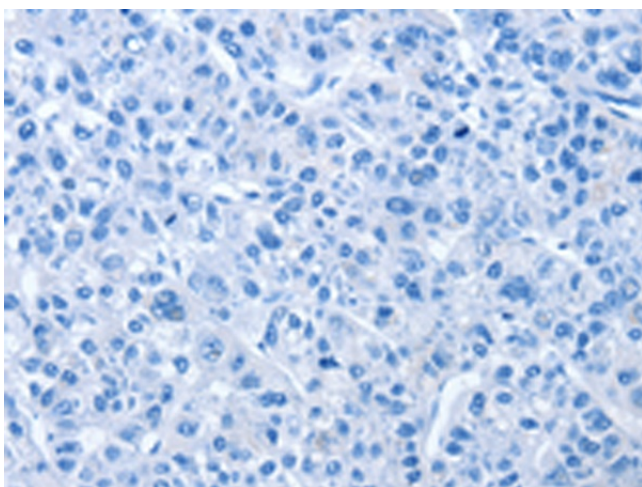
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349656 (STK17B Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349656 (STK17B Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349656 (STK17B Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349656 (STK17B Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)