

## Product datasheet for **TA306006**

### **DRAK1 (STK17A) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, WB
<b>Recommended Dilution:</b>	WB: 1 ug/mL, ICC: 2 ug/mL, IF: 10 ug/mL
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	DRAK1 antibody was raised against a peptide corresponding to amino acids near the amino terminus of human DRAK1.
<b>Formulation:</b>	PBS containing 0.02% sodium azide.
<b>Concentration:</b>	1ug/ul
<b>Purification:</b>	Affinity chromatography purified via peptide column
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	serine/threonine kinase 17a
<b>Database Link:</b>	<a href="#">NP_004751</a> <a href="#">Entrez Gene 9263 Human</a> <a href="#">Q9UEE5</a>

**Background:** Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as ASK-1 and RIP, are mediators of apoptosis. Two novel serine/threonine kinases that induce apoptosis were recently identified and designated DRAK1 and DRAK2 for DAP kinase-related apoptosis-inducing protein kinases (1). DRAKs contain an N-terminal kinase domain and a C-terminal regulation domain. Overexpression of DRAK1 induces apoptosis. DRAKs have high sequence homology to DAP and ZIP kinases, and they represent a novel family of serine/threonine kinases, which mediates apoptosis through their catalytic activities. DRAK1 is located in nucleus and the messenger RNA was ubiquitously expressed in human tissues (1).

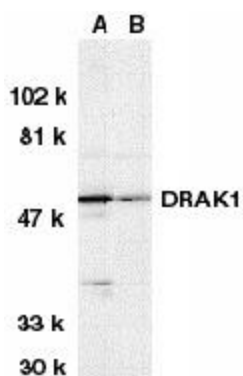


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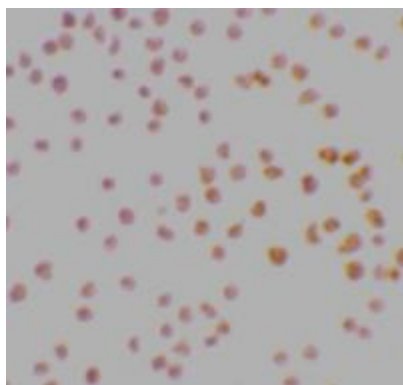
Synonyms: DRAK1

Protein Families: Druggable Genome, Protein Kinase

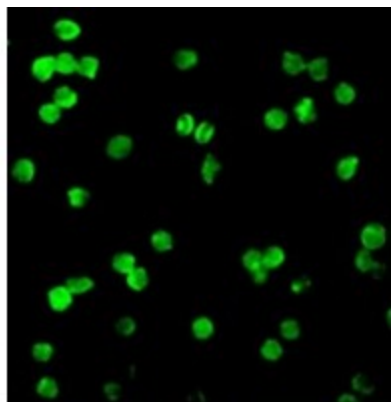
### Product images:



Western blot analysis of DRAK1 in (A) MOLT4 and (B) A431 whole cell lysates with DRAK1 antibody at 1 ug/mL.



Immunocytochemistry staining of MOLT4 cells using DRAK1 antibody at 2 ug/mL.



Immunofluorescence of DRAK1 in Molt cells with DRAK1 antibody at 20 ug/mL.