

## Anti-DRAK1 STK17A Antibody

Catalog Number: A08436

### About STK17A

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. 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.

### Overview

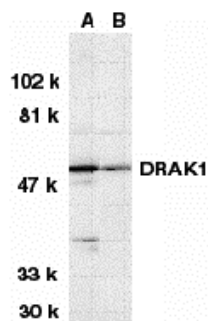
Product Name	Anti-DRAK1 STK17A Antibody
Reactive Species	Human
Description	Boster Bio Anti-DRAK1 STK17A Antibody (Catalog # A08436). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	DRAK1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DRAK1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UEE5

### Technical Details

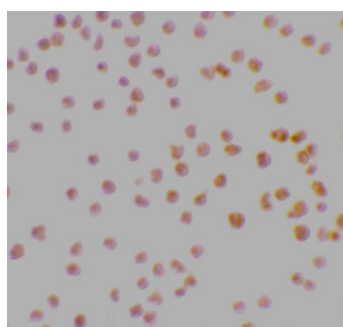
Immunogen	DRAK1 antibody was raised against a peptide corresponding to amino acids near the amino terminus of human DRAK1. The immunogen is located within the first 50 amino acids of DRAK1.
Predicted Reactive Species	Rabbit
Cross Reactivity	No cross responses to DRAK2, DAP or ZIP kinases.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	DRAK1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DRAK1 antibody can be used for detection of DRAK1 by Western blot at 1 ug/mL. An approximately 50 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 2 ug/mL. For immunofluorescence start at 10 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

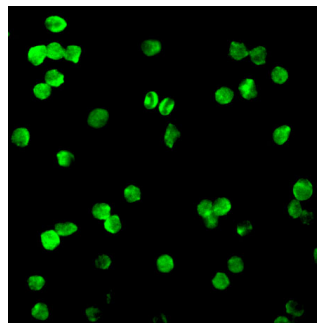
## Anti-DRAK1 STK17A Antibody (A08436) Images



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.

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