

Datasheet for ABIN499770
anti-DRAK2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	DRAK2 (STK17B)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human DRAK2 (C-Terminus) Peptide
Isotype:	IgG
Specificity:	DRAK2 antibody was raised against a peptide corresponding to amino acids 351 to 365 of human DRAK2. It has no cross responses to DAP or ZIP kinases.
Purification:	Ion exchange chromatography

Target Details

Target:	DRAK2 (STK17B)
Alternative Name:	STK17B / DRAK2 (STK17B Products)
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

Target Details

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 DRAK2 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. DRAK2 is located in nucleus and the messenger RNA was ubiquitously expressed in human tissues (1).Synonyms: DAP kinase-related apoptosis-inducing protein kinase 2, Serine/threonine-protein kinase 17B

Gene ID: 9262

UniProt: [O94768](#)

Application Details

Application Notes: ELISA. Western Blot: 1/500 to 1/1000. An approximately 45 kDa band can be detected. The approximately 70 kDa band is probably non-related to DRAK2 although it is peptideblockable. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

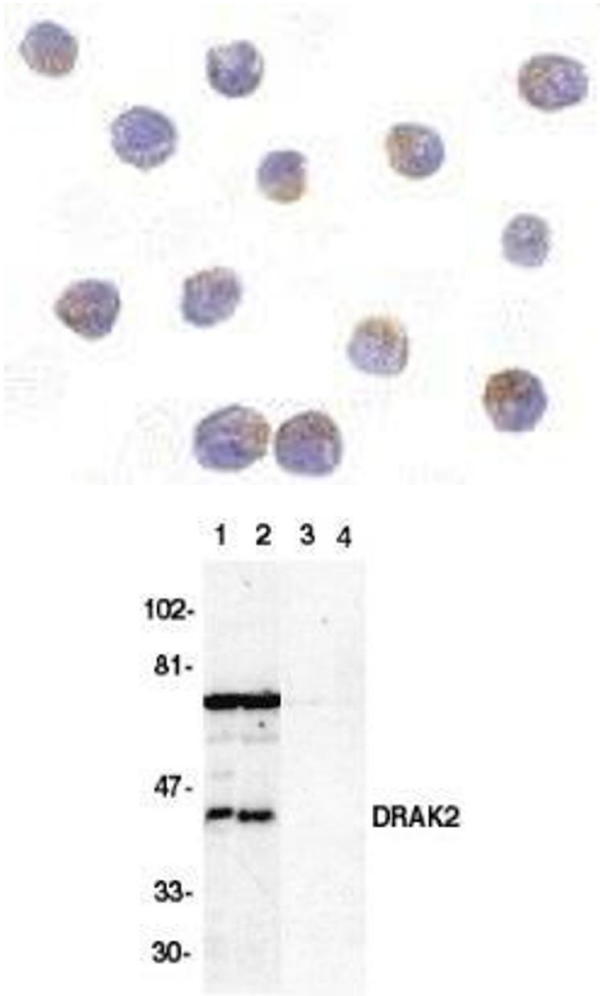
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of DRAK2 in Jurkat cells with AP30303PU-N DRAK2 antibody at 10 µg/ml.

Western Blotting

Image 2. Western blot analysis of DRAK2 in Jurkat (1,3) and Raji (2,4) cell lysate in the absence (1,2) or presence (3,4) of blocking peptide with AP30303PU-N DRAK2 antibody at 1/500 dilution.