

DRAK2 Antibody

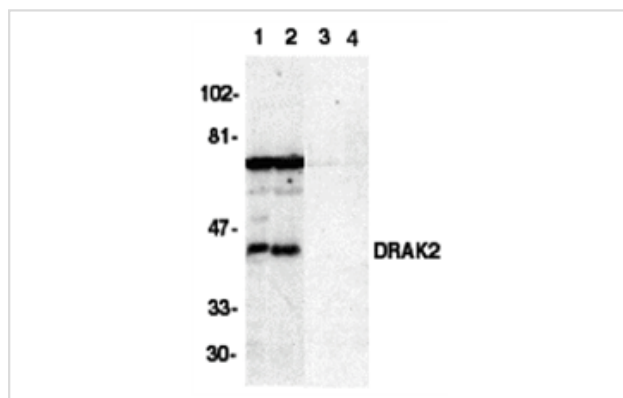
Catalog No: #24074

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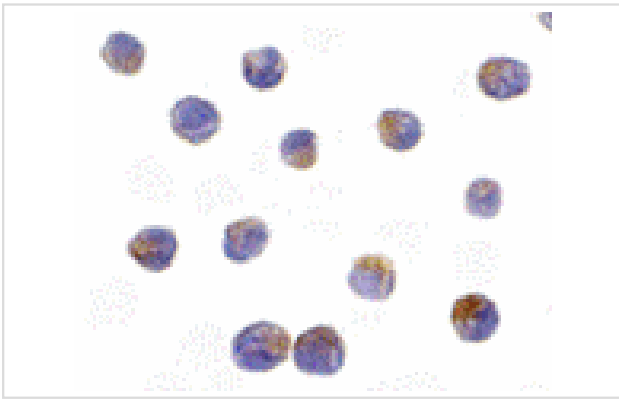
Description

Product Name	DRAK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Ion exchange chromatography purified
Applications	ELISA WB ICC
Species Reactivity	Hu
Specificity	It has no cross responses to DAP or ZIP kinases. The approximately 70 kDa band is probably non-related to DRAK2 although it is peptide blockable.
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 351 to 365 of human DRAK2.
Target Name	DRAK2
Accession No.	Swiss-Prot:O94768Gene ID:9262
Uniprot	O94768
GeneID	9262;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



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 DRAK2 antibody at 1:500 dilution.



Immunocytochemistry of DRAK2 in Jurkat cells with DRAK2 antibody at 10 ug/mL.

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). 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.

Note: This product is for in vitro research use only