

DRAK2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02728
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human STK17B. AA range:251-300
Mol wt	42344
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	DRAK2 Antibody
Synonyms	STK17B; DRAK2; Serine/threonine-protein kinase 17B; DAP kinase-related apoptosis-inducing protein kinase 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

DAP (death associated protein) kinase and ZIP kinase are members of a novel protein kinase family, the members of which have the capacity to mediate apoptosis through their catalytic activities. DAP kinase contains a "death domain" and has been shown to mediate gamma interferon-induced apoptosis. The introduction of DAP kinase into highly metastatic carcinoma clones lacking DAP kinase expression was shown to result in the suppression of metastasis, thus linking suppression of apoptosis to metastasis. ZIP kinase contains a leucine zipper domain, which is necessary for homodimerization and for interaction with other leucine zipper proteins. ZIP kinase dimerizes with ATF-4, an ATF/CREB transcription factor family member that contains a leucine zipper. DRAK1 (DAP kinase-related apoptosis-inducing protein kinase 1) and DRAK2 are DAP kinase related proteins. DRAK1 and DRAK2 are localized to the nucleus, and overexpression of both DRAK proteins in NIH/3T3 cells induces morphological changes associated with apoptosis.

Recommended Dilution

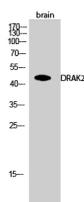
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

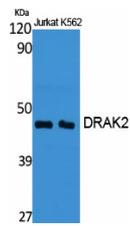
ELISA: 1: 40000

Not yet tested in other applications.

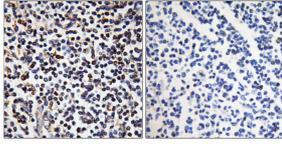
Images



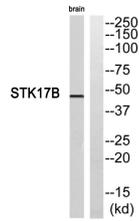
Western Blot analysis of brain cells using DRAK2 Polyclonal Antibody cells nucleus.



Western Blot analysis of various cells using DRAK2 Polyclonal Antibody cells nucleus.



Immunohistochemistry analysis of paraffin-embedded human tonsil, using STK17B Antibody. The lane on the right is blocked with the STK17B peptide.



Western blot analysis of STK17B Antibody. The lane on the right is blocked with the STK17B peptide.

Storage

-20°C for one year

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