

Datasheet for ABIN1882073
anti-DRAK2 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	DRAK2 (STK17B)
Binding Specificity:	AA 342-371, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRAK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This DRAK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 342-371 amino acids from the C-terminal region of human DRAK2.
Clone:	RB3049
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

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

Target Details

Background:	DRAK2 is a novel serine/threonine kinase that induces apoptosis via catalytic activity. DRAKS present high sequence homology to DAP and ZIP kinases, and they represent a novel family of serine/threonine kinases. DRAK2 is located in nucleus, and the messenger RNA is ubiquitously expressed in human tissues.
Molecular Weight:	42344
NCBI Accession:	NP_004217
UniProt:	O94768

Application Details

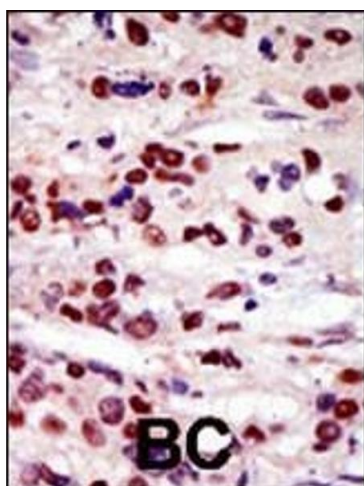
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Expiry Date:	6 months

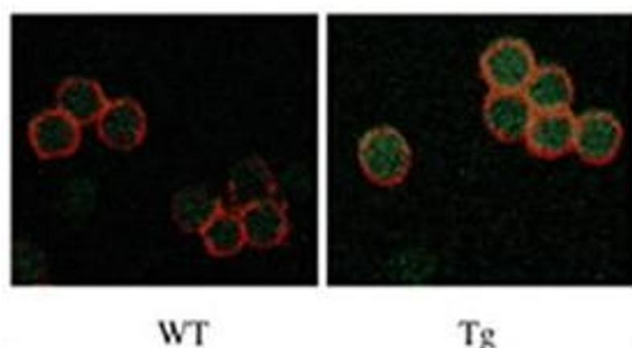
Publications

Product cited in:	Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: Biochemical pharmacology , Vol. 155, pp. 479-493, (2019) (PubMed).
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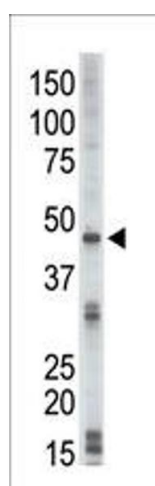
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Immunofluorescence

Image 2. IF staining of Drak2 in WT versus Tg T cells. Permeabilized lymph node T cells were double-stained with rabbit anti-Drak2/sheep anti-rabbit Ig-FITC and anti-Thy1.2-PE monoclonal antibody, and signals were registered by confocal microscopy. THE cell surface Thy1.2 is shown in red, and intracellular Drak2 is in green.



Western Blotting

Image 3. The anti-DRAK2 Pab (ABIN1882073 and ABIN2841356) is used in Western blot to detect DRAK2 in mouse lung tissue lysate.