

Datasheet for ABIN2785102
anti-DIRAS1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DIRAS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Zebrafish (Danio rerio), Guinea Pig, Rabbit, Saccharomyces cerevisiae, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIRAS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DIRAS1
Sequence:	PEQSN DYRVV VFGAGGVGKS SLVLR FVKGT FRDTYIPTIE DTYRQVISCD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 79%, Rat: 100%, Sheep: 79%, Yeast: 91%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against DIRAS1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DIRAS1
Alternative Name:	DIRAS1 (DIRAS1 Products)
Background:	<p>DIRAS1 belongs to a distinct branch of the functionally diverse Ras superfamily of monomeric GTPases. DIRAS1 belongs to a distinct branch of the functionally diverse Ras (see HRAS, MIM 190020) superfamily of monomeric GTPases. [supplied by OMIM]. Sequence Note: removed 1 base from the 5' end that did not align to the reference genome assembly.</p> <p>PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-3390 BC030660.1 2-3391</p> <p>Alias Symbols: Di-Ras1, FLJ42681, GBTS1, RIG</p> <p>Protein Interaction Partner: UBC, APP, Nedd4,</p> <p>Protein Size: 198</p>
Molecular Weight:	22 kDa
Gene ID:	148252
NCBI Accession:	NM_145173 , NP_660156
UniProt:	O95057
Pathways:	Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 198 AA
Restrictions:	For Research Use only

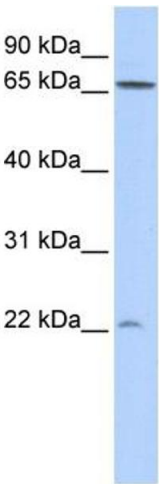
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DIRAS1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: 293T cell lysate