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Datasheet for ABIN763346 **anti-DIRAS1 antibody (AA 21-120)**

Overview

Quantity:	100 µL
Target:	DIRAS1
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIRAS1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DIRAS1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	DIRAS1
Alternative Name:	Diras1 (DIRAS1 Products)

Target Details

Background:	<p>Synonyms: Di Ras1, DIRAS family GTP binding RAS like 1, Distinct subgroup of the Ras family member 1, GBTS1, GTP binding protein Di Ras1, Ras related inhibitor of cell growth, RIG, Rig protein, Small GTP binding tumor suppressor 1.</p> <p>Background: The three human RAS genes encode highly related 188 to 189 amino acid proteins, designated H-Ras, N-Ras and K-Ras4A and K-Ras4B (the two K-Ras proteins arise from alternative gene splicing). Ras proteins function as binary molecular switches that control intracellular signaling networks. Ras-regulated signal pathways control such processes as actin cytoskeletal integrity, proliferation, differentiation, cell adhesion, apoptosis, and cell migration. Ras and ras-related proteins are often deregulated in cancers, leading to increased invasion and metastasis, and decreased apoptosis. DIRAS1 displays low GTPase activity and exists predominantly in the GTP-bound form. It is highly expressed in heart and brain.</p>
Gene ID:	148252
Pathways:	Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months