



Di-Ras1 Polyclonal Antibody

Catalog No	YP-Ab-16151
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	DIRAS1
Protein Name	GTP-binding protein Di-Ras1
Immunogen	The antiserum was produced against synthesized peptide derived from human DIRA1. AA range:149-198
Specificity	Di-Ras1 Polyclonal Antibody detects endogenous levels of Di-Ras1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DIRAS1; GBTS1; RIG; GTP-binding protein Di-Ras1; Distinct subgroup of the Ras family member 1; Ras-related inhibitor of cell growth; Rig; Small GTP-binding tumor suppressor 1
Observed Band	22kD
Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side .
Tissue Specificity	Highly expressed in heart and brain.
Function	function:Displays low GTPase activity and exist predominantly in the GTP-bound form.,similarity:Belongs to the small GTPase superfamily. Di-Ras family.,tissue specificity:Highly expressed in heart and brain.,
Background	DIRAS1 belongs to a distinct branch of the functionally diverse Ras (see HRAS; MIM 190020) superfamily of monomeric GTPases.[supplied by OMIM, Apr 2004],
matters needing attention	Avoid repeated freezing and thawing!



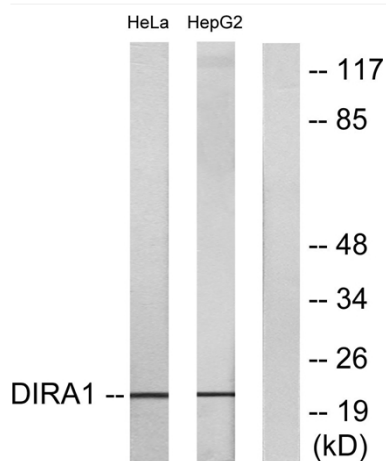
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

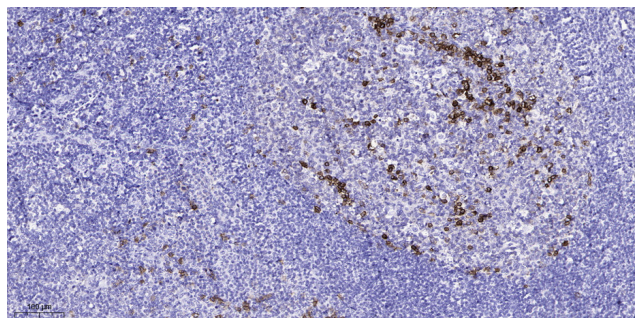
Products Images



Western Blot analysis of various cells using Di-Ras1 Polyclonal Antibody



Western blot analysis of lysates from HeLa and HepG2 cells, using DIRA1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).