



P114-RHO-GEF Antibody

CATALOG NUMBER: 46-122

Specifications

SPECIES REACTIVITY:	Dog, Human, Medaka
TESTED APPLICATIONS:	ELISA, ICC, IF, IP, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:4000. Western Blot: This antibody has been successfully used for Caco-2, HCE and MDCK cells as described in the following paper: Terry et al, Nat Cell Biol. 2011 Feb;13(2):159-66.; PMID: 21258369. Immunoprecipitation: This antibody has been successfully used in IP from Caco-2 cells (PMID:21258369). ICC/IF: This antibody has also been successfully used in ICC/IF for Caco-2 cells (PMID:21258369).
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_056133.2; NP_001124427.1).
IMMUNOGEN:	P114-RHO-GEF antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of P114-RHO-GEF.
HOST SPECIES:	Goat

Properties

PURIFICATION:	P114-RHO-GEF antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	P114-RHO-GEF antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ARHGEF18, rho/rac guanine nucleotide exchange factor (GEF) 18, P114-RHO-GEF, KIAA0521, MGC15913, Rho-specific guanine nucleotide exchange factor p114
ACCESSION NO.:	NP_056133
PROTEIN GI NO.:	41327769
OFFICIAL SYMBOL:	ARHGEF18
GENE ID:	23370

Background

REFERENCES:	1) Blomquist A, Schworer G, Schablowski H, Psoma A, Lehnen M, Jakobs KH, Rumenapp U. Identification and characterization of a novel Rho-specific guanine nucleotide exchange factor. Biochem J. 2000 Dec 1;352 Pt 2:319-25.
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