



# RhoA (Phospho Ser188) rabbit pAb

Cat No.:ES20149

For research use only

## Overview

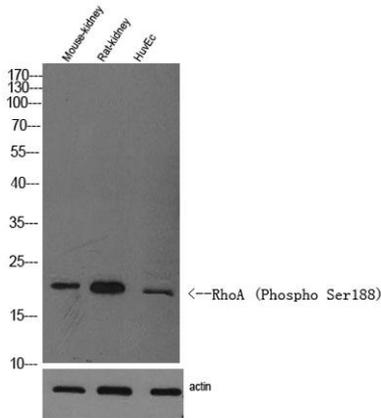
<b>Product Name</b>	RhoA (Phospho Ser188) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	Synthesized peptide derived from human RhoA (Phospho Ser188)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse,Rat RhoA (Phospho Ser188)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	RhoA (Phospho Ser188)
<b>Gene Name</b>	RHOA ARH12 ARHA RHO12
<b>Cellular localization</b>	Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasm, cytoskeleton. Cleavage furrow. Cytoplasm, cell cortex . Midbody. Cell projection, lamellipodium . Cell projection, dendrite . Nucleus . Localized to cell-cell contacts in calcium-treated keratinocy
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	22kD
<b>Human Gene ID</b>	387
<b>Human Swiss-Prot Number</b>	P61586
<b>Alternative Names</b>	Transforming protein RhoA (Rho cDNA clone 12;h12)
<b>Background</b>	This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal





transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015],

Western Blot analysis of mouse kidney, rat kidney. Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002 was diluted at 1:10000



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 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).

