

Rabbit Rho (pS188) Polyclonal Antibody | anti-Rho antibody

Rabbit anti Rho (pS188)

CATALOG # AAA71406	HOST Rabbit	REACTIVITY Human, rat, mouse	APPLICATIONS Western Blot, ELISA
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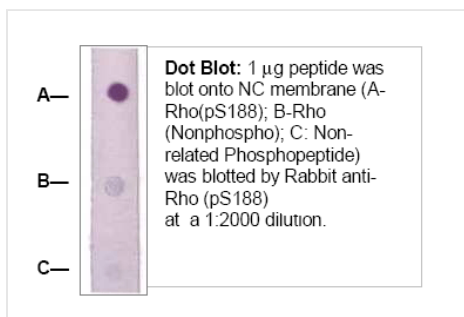
PRODUCT SYNONYMS

Rho (pS188); Polyclonal Antibody; Rabbit anti Rho (pS188); Rabbit anti Rho (pS188) Phospho-specific antibody; Ras homolog gene family; member A variant (RhoA); ARHA; RhoH12; ; anti-Rho antibody

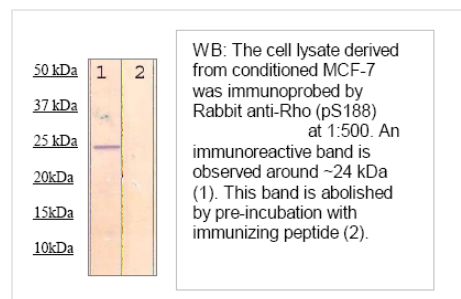
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, rat, mouse
Clonality	Polyclonal
Specificity	This antibody recognizes ~24 kDa of human RhoA protein. It also reacts with mouse and rat. The other species are not tested.
Purity/Purification	The rabbit IgG is purified by Site-specific Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer
Concentration	100 ug/200 ul (varies by lot)
Applicable Applications for anti-Rho antibody	WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the C-term of epitope KKKSG at a phosphorylation Ser188 of human Rho protein
Positive Control	MCF7 Cell Lysate
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C to 8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-Rho antibody	Ras homolog gene family consists of RhoA, RhoB, RhoC proteins. These proteins interact directly with protein kinase (Rho kinase) to serve as downstream effectors of the activated GTPase. The Rho proteins are involved in the regulation of the actin cytoskeleton. Activation of Rho to the GTP bound state promotes formation of stress fibers and is required for the formation and maintenance of focal adhesions. Pathways stimulated by cytokines, hormones and various forms of stress utilize p21 proteins of the Rho family ² . Possible mediators for these responses include protein kinase such as p120PKN, and p150, ROK alpha /Rho-A kinase, myosin light chain (MLC), phosphatase and PIP 5-kinase. ³
References	• Zavzavadjian,J.R, Mol. Cell Proteomics 6 (3), 413-424 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	291615699
NCBI GeneID	8893956
NCBI GenBank Nucleotide #	YP_003518441.1
Molecular Weight	~24 kDa
NCBI Official Full Name	Rho
NCBI Official Symbol	rho
NCBI Protein Information	Transcription termination factor Rho

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rho-ps188-antibody-western-blot-elisa/71406>