

Rabbit Tenascin C Polyclonal Antibody | anti-RHOC antibody

Tenascin C Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282262	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

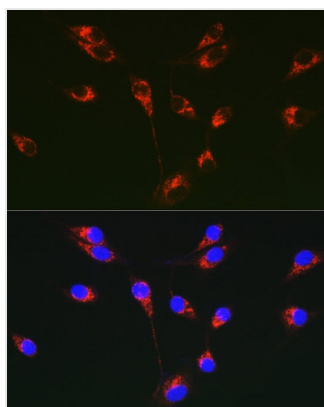
PRODUCT SYNONYMS

Tenascin C; Polyclonal Antibody; Tenascin C Rabbit pAb; 150-225; DFNA56; GMEM; GP; HXB; JI; TN; TN-C; TNC; anti-RHOC antibody

PRODUCT SPECIFICATIONS

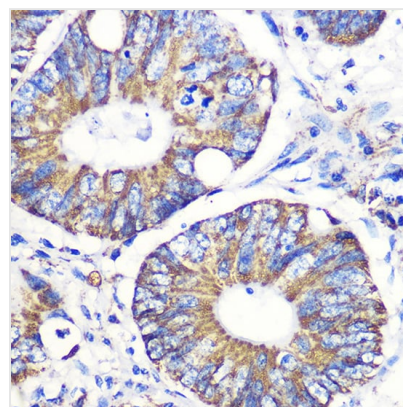
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	NIPEKWTPEV KHFCPNVPII LVGNKKDLRQ DEHTRRELAK MKQEPVRSEE GRDMANRISA FGYLECSAKT KEGVREVFEM ATRAGLQVRK NKRRRGCPIL
Applicable Applications for anti-RHOC antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Positive Samples	U-138MG
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1990-2201 of human Tenascin C (NP_002151.2).
Cellular Location	basement membrane, endoplasmic reticulum lumen, extracellular region, extracellular space, focal adhesion
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



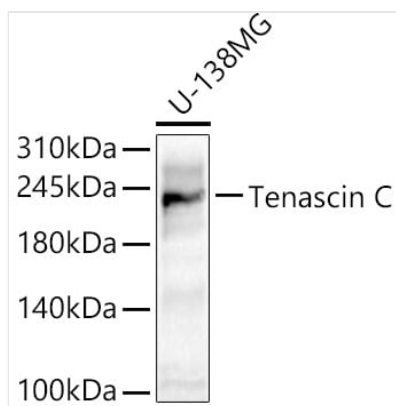
IF (Immunofluorescence)

Immunofluorescence analysis of U-87MG cells using Tenascin C Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma using Tenascin C antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of U-138MG, using Tenascin C antibody at 1:1205 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOC antibody	This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homo-hexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011]
Product Categories/Family for anti-RHOC antibody	Cell Adhesion ; Cell Biology & Developmental Biology ; Mesenchymal Stem Cells ; Neural Stem Cells ; Neuroscience ; Signal Transduction ; Stem Cells ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	111494248
NCBI GeneID	389
NCBI Accession #	NP_001036143.1
NCBI GenBank Nucleotide #	NM_001042678.1
UniProt Accession #	P08134; Q6ICN3; B3KSW1
Molecular Weight	193
NCBI Official Full Name	rho-related GTP-binding protein RhoC
NCBI Official Synonym Full Names	ras homolog family member C
NCBI Official Symbol	RHOC
NCBI Official Synonym Symbols	H9; ARH9; ARHC; RHOH9
NCBI Protein Information	rho-related GTP-binding protein RhoC; rhoC GTPase; oncogene RHO H9; rho cDNA clone 9; RAS-related homolog 9; small GTP binding protein RhoC; ras homolog gene family, member C
UniProt Protein Name	Rho-related GTP-binding protein RhoC
UniProt Gene Name	RHOC
UniProt Synonym Gene Names	ARH9; ARHC; h9
UniProt Entry Name	RHOC_HUMAN

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.