

Rabbit ANKRD1 Polyclonal Antibody | anti-ANKRD1 antibody

ANKRD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323985	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

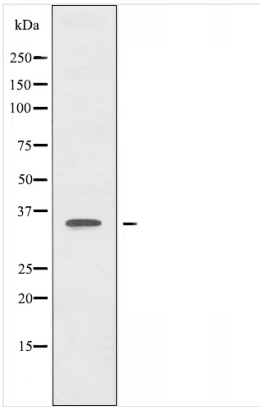
PRODUCT SYNONYMS

ANKRD1; Polyclonal Antibody; ANKRD1 Antibody; ALRP; ANKR1_HUMAN; ANKRD 1; Ankyrin repeat domain 1 (cardiac muscle); Ankyrin repeat domain containing protein 1; Ankyrin repeat domain-containing protein 1; bA320F15.2; C 193; C193; Cardiac ankyrin repeat protein; CARP; CVARP; Cytokine inducible nuclear protein; Cytokine-inducible gene C-193 protein; Cytokine-inducible nuclear protein; HA1A2; Liver ankyrin repeat domain 1; MCARP; OTTHUMP00000020084; anti-ANKRD1 antibody

PRODUCT SPECIFICATIONS

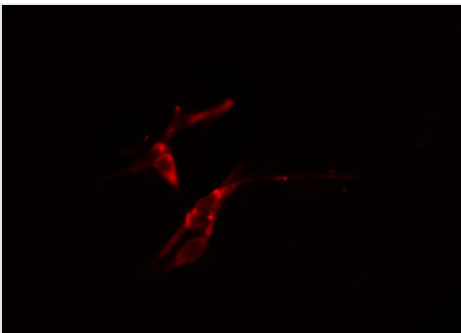
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ANKRD1 antibody detects endogenous levels of total ANKRD1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	319
Applicable Applications for anti-ANKRD1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Mainly expressed in activated vascular endothelial cells. To a lower extent, also expressed in hepatoma cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using ANKRD1 antibody.



IF (Immunofluorescence)

AAA323985 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ANKRD1 antibody	Function: May play an important role in endothelial cell activation. May act as a nuclear transcription factor that negatively regulates the expression of cardiac genes. Induction seems to be correlated with apoptotic cell death in hepatoma cells. Subunit Structure: Interacts with YBX1 (By similarity). Interacts with TTN/titin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38327522
NCBI GeneID	27063
NCBI Accession #	NP_055206.2
NCBI GenBank Nucleotide #	NM_014391.2
UniProt Accession #	Q15327; Q96LE7
Molecular Weight	Observed: 36 kD Predicted: 37 kDa
NCBI Official Full Name	ankyrin repeat domain-containing protein 1
NCBI Official Synonym Full Names	ankyrin repeat domain 1
NCBI Official Symbol	ANKRD1
NCBI Official Synonym Symbols	ALRP; CARP; C-193; CVARP; MCARP; bA320F15.2
NCBI Protein Information	ankyrin repeat domain-containing protein 1
UniProt Protein Name	Ankyrin repeat domain-containing protein 1
UniProt Gene Name	ANKRD1
UniProt Synonym Gene Names	C193; CARP; HA1A2

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.