Rabbit anti-Human Annexin A2 Polyclonal Antibody | anti-ANXA2 antibody

Rabbit anti-human Annexin A2 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26911	**Rabbit**	**Human**	**ELISA, Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation**

PRODUCT SYNONYMS

Annexin A2; Polyclonal Antibody; Rabbit anti-human Annexin A2 polyclonal Antibody; Annexin II; Annexin-2; Calpactin I heavy chain; Calpactin-1 heavy chain; Chromobindin-8; Lipocortin II; Placental anticoagulant protein IV; PAP-IV; ANXA2; ANX2; ANX2L4; CAL1H; LPC2D; anti-ANXA2 antibody

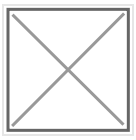
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	339
Applicable Applications for anti-ANXA2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	Recommended dilution: WB:1:500-2000, IHC:1:20-1:200
Immunogen	Recombinant human Annexin A2 protein (2-339aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-30757 / sc-30759 / sc-1924 / sc-9061
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

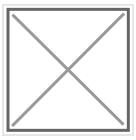
IMAGES

IP (Immunoprecipitation)
Immunoprecipitating GARS in Hela whole cell lysateLane 1: Rabbit monoclonal IgG (1ug)instead of AAA26911 in Hela whole cell lysate. For western blotting,a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: AAA26911 (8ug)+ Hela whole cell lysate (500ug)Lane 3: Hela whole cell lysate (20ug

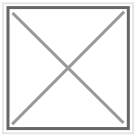
IF (Immunofluorescence)
Immunofluorescent analysis of Hela cells using AAA26911 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L



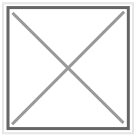
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA26911 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using AAA26911 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung tissue using AAA26911 at dilution 1:100



WB (Western Blot)
Western BlotPositive WB detected in:Hela whole cell lysate,K562 whole cell lysate,NIH/3T3 whole cell lysate,A549 whole cell lysate,PC3 whole cell lysate,U251 whole cell lysate,Mouse lung tissue,Mouse liver tissue,Mouse kidney tissueAll lanes: ANXA2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 39,41 kDaObserved band size: 39 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA2 antibody	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response. This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845386
NCBI GeneID	302
NCBI Accession #	NP_001002857.1
NCBI GenBank Nucleotide #	NM_001002857.1
UniProt Accession #	P07355; Q567R4; Q6N0B3; Q8TBV2; Q96DD5; Q9UDH8
Molecular Weight	40,411 Da
NCBI Official Full Name	annexin A2 isoform 2
NCBI Official Synonym Full Names	annexin A2
NCBI Official Symbol	ANXA2
NCBI Official Synonym Symbols	P36; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; HEL-S-270
NCBI Protein Information	annexin A2
UniProt Protein Name	Annexin A2
UniProt Gene Name	**ANXA2**
UniProt Synonym Gene Names	ANX2; ANX2L4; CAL1H; LPC2D; PAP-IV
UniProt Entry Name	ANXA2_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.