

Rabbit ANXA2 Polyclonal Antibody | anti-ANXA2 antibody

ANXA2 Antibody (N-term)

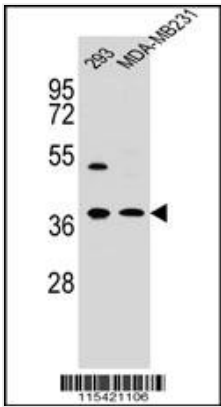
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285775	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

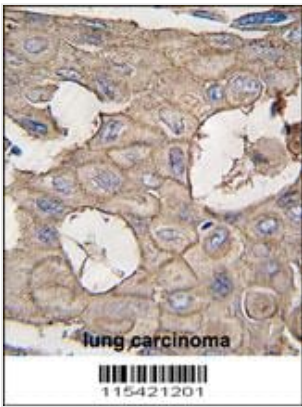
ANXA2; Polyclonal Antibody; ANXA2 Antibody (N-term); Annexin A2; Annexin II; Annexin-2; Calpactin I heavy chain; Calpactin-1 heavy chain; Chromobindin-8; Lipocortin II; Placental anticoagulant protein IV; PAP-IV; Protein I; p36; ANX2; ANX2L4; CAL1H; LPC2D; anti-ANXA2 antibody

PRODUCT SPECIFICATIONS

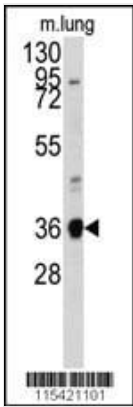
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANXA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-49 amino acids from the N-terminal region of human ANXA2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	19-49
Sequence Length	339
Applicable Applications for anti-ANXA2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



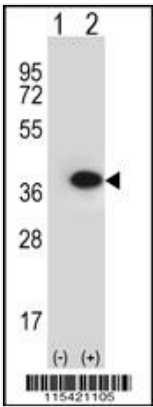
WB (Western Blot)
ANXA2 Antibody (N-term) western blot analysis in 293,MDA-MB231 cell line lysates (35ug/lane).This demonstrates the ANXA2 antibody detected the ANXA2 protein (arrow).



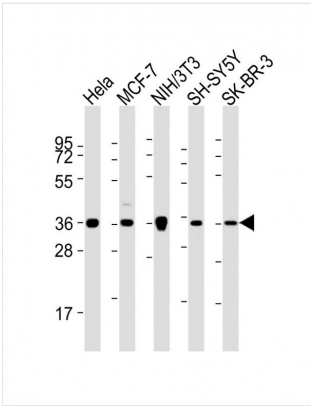
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ANXA2 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-ANXA2 Antibody (N-term) in mouse lung tissue lysates (35ug/lane). ANXA2(arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of ANXA2 (arrow) using rabbit polyclonal ANXA2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ANXA2 gene.



WB (Western Blot)
All lanes : Anti-ANXA2 Antibody (N-term) at 1:2000 dilutionLane 1: HeLa whole cell lysatesLane 2: MCF-7 whole cell lysatesLane 3: NIH/3T3 whole cell lysatesLane 4: SH-SY5Y whole cell lysatesLane 5: SK-BR-3 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 39 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA2 antibody	ANXA2 is 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.
Product Categories/Family for anti-ANXA2 antibody	Signal Transduction
References	He,K.L., J. Biol. Chem. 283 (28), 19192-19200 (2008) Tamma,G., Pflugers Arch. 456 (4), 729-736 (2008) Gou,D., J. Biol. Chem. 283 (19), 13156-13164 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845386
NCBI GeneID	302
NCBI Accession #	NP_001002857.1; NP_001002858.1; NP_001129487.1; NP_004030.1
NCBI GenBank Nucleotide #	NM_001002857.1
UniProt Accession #	P07355; Q567R4; Q6N0B3; Q8TBV2; Q96DD5; Q9UDH8
Molecular Weight	38604
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/anxa2-antibody-immunohistochemistry-western-blot-elisa/285775>