

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

Annexin A2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28452	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Annexin A2; Monoclonal Antibody; Annexin A2 Rabbit mAb; P36; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; HEL-S-270; anti-ANXA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MSTVHEILCK LSLEGDHSTP PSAYGSVKAY TNFDAERDAL NIETAIKTKG VDEVTVNIL TNRSNAQRQD IAFAYQRRTK KELASALKSA LSGHLETVIL
Applicable Applications for anti-ANXA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:1000-1:6000 IHC-P: 1:800-1:10000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Annexin A2 (P07355).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Annexin A2 Rabbit mAb (AAA28452) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

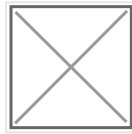
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Annexin A2 Rabbit mAb (AAA28452) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

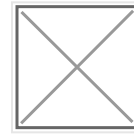
Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Annexin A2 Rabbit mAb (AAA28452) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using Annexin A2 Rabbit mAb (AAA28452) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Annexin A2 Rabbit mAb (AAA28452) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using Annexin A2 Rabbit mAb (AAA28452) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA2 antibody	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. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms.
Product Categories/Family for anti-ANXA2 antibody	Epigenetics Nuclear Signaling ; RNA Binding ; Signal Transduction ; Cell Biology Developmental Biology ; Cell Adhesion ; Cytoskeleton ; Neuroscience ; Calcium Signaling ; Antibodies

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	Calculated MW: 39kDa Observed MW: 39kDa
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://stage.aaabiotech.com/monoclonal/annexin-a2-antibody-western-blot-immunohistochemistry-elisa/28452>