

[KO Validated] ANXA2 Rabbit Polyclonal Antibody

CAB12397



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

38kDa

Calculated MW:

38kDa/40kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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.

Immunogen information

Gene ID:

302

Uniprot

P07355

Synonyms:

ANXA2; ANX2; ANX2L4; CAL1H; HEL-S-270; LIP2; LPC2; LPC2D;
P36; PAP-IV

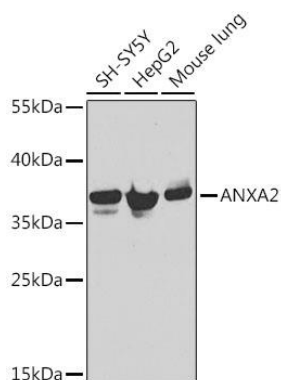
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-339 of human ANXA2 (NP_004030.1).

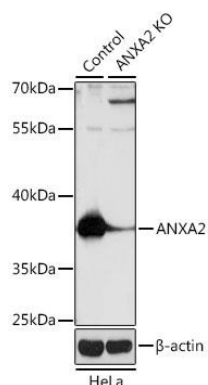
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

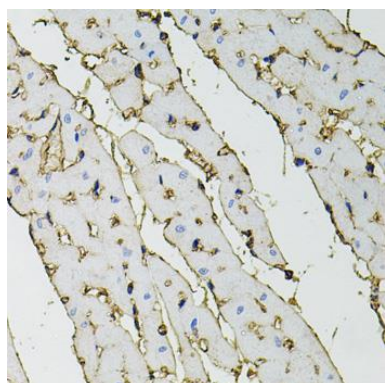
Product Images



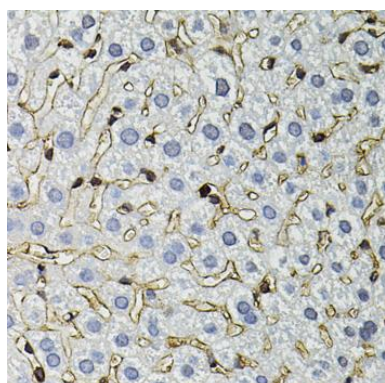
Western blot analysis of extracts of various cell lines, using ANXA2 Antibody (CAB12397) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and ANXA2 knockout (KO) HeLa cells, using ANXA2 antibody (CAB12397) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.



Immunohistochemistry of paraffin-embedded rat heart using ANXA2 antibody (CAB12397) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using ANXA2 antibody (CAB12397) at dilution of 1:100 (40x lens).