

Annexin A3 Monoclonal antibody

Catalog Number: 66405-1-Ig **1 Publications**

Basic Information

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|-------------------------------------|--|---|
| Catalog Number: 66405-1-Ig | GenBank Accession Number: BC000871 | Purification Method: Protein A purification |
| Concentration: 1300 ug/ml | GeneID (NCBI): 306 | CloneNo.: 1A11E4 |
| Source: Mouse | UNIPROT ID: P12429 | Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500 |
| Isotype: IgG2a | Full Name: annexin A3 | |
| Immunogen Catalog Number: AG2381 | Calculated MW: 322 aa, 36 kDa Observed MW: 36 kDa | |

Applications

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| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Cited Applications: WB, IHC, IF | WB : HCT 116 cells, HEK-293 cells, HepG2 cells, L02 cells, Caco-2 cells, human heart tissue, human spleen tissue, SW 1990 cells, DU 145 cells, SCaBER cells, HeLa cells, MCF-10A cells |
| Species Specificity: human | IHC : human pancreas tissue, |
| Cited Species: mouse | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

Annexin A3 (Anxa3), also named as lipocortin3, placental anticoagulant protein3 (PAP-III), belongs to annexin family. Annexins are calcium-dependent phospholipids-binding high-abundant intracellular proteins. ANXA3 has been reported to play crucial roles in a diverse range of molecular and cellular processes, including ion channel regulation, anticoagulation, anti-inflammation, vesicle traffick-ing, signal transduction, cell migration, and cell proliferation. It also exhibits important roles in cancer progression, metastasis, and drug resistance.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|----------|-------------|
| Yuanyuan Chen | 38778160 | Oncogene | WB,IHC,IF |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

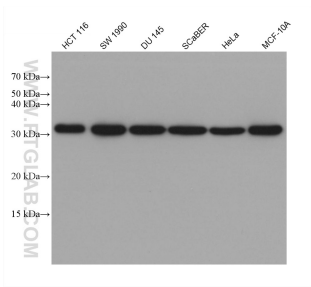
For technical support and original validation data for this product please contact:

T: 4006900926

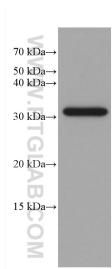
E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

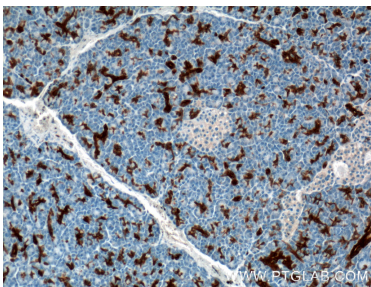
Selected Validation Data



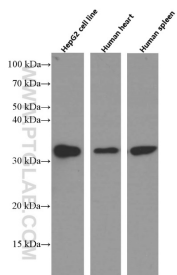
Various lysates were subjected to SDS PAGE followed by western blot with 66405-1-Ig (Annexin A3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



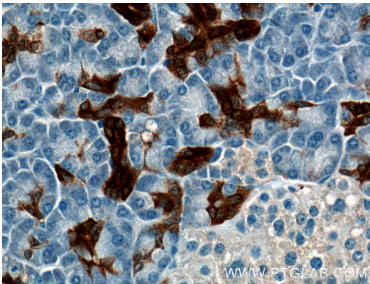
Caco-2 cells were subjected to SDS PAGE followed by western blot with 66405-1-Ig (Annexin A3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 66405-1-Ig (Annexin A3 antibody at dilution of 1:200 (under 10x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 66405-1-Ig (Annexin A3 antibody at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 66405-1-Ig (Annexin A3 antibody at dilution of 1:200 (under 40x lens).