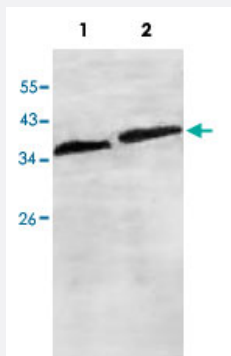


ANXA5 polyclonal antibody

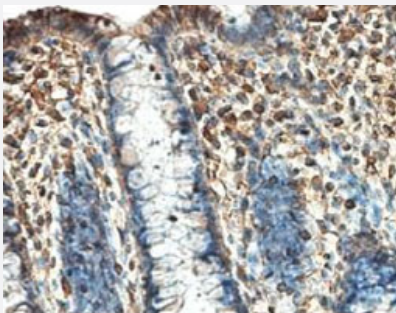
Catalog # PAB18838 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of rat brain (Lane 1) and mouse brain (Lane 2) lysate with ANXA5 polyclonal antibody (Cat # PAB18838) at 1 : 500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human small intestine tissue staining with ANXA5 polyclonal antibody (Cat # PAB18838) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant ANXA5.
Immunogen	Recombinant protein corresponding to amino acids 146-255 of human ANXA5.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid

Recommend Usage	ELISA (1:10000-1:80000) Western Blot (1:200-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of rat brain (Lane 1) and mouse brain (Lane 2) lysate with ANXA5 polyclonal antibody (Cat # PAB18838) at 1 : 500 dilution.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANXA5

Entrez GeneID	308
Protein Accession#	NM_001154
Gene Name	ANXA5
Gene Alias	ANX5, ENX2, PP4
Gene Description	annexin A5
Omim ID	131230
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. [provided by RefSeq]

Other Designations

anchorin CII|annexin 5|endonexin II|lipocortin V|placental anticoagulant protein I

Disease

- [Abortion](#)
- [Antiphospholipid Syndrome](#)
- [Atherosclerosis](#)
- [Cerebral Palsy](#)
- [Death](#)
- [Femur Head Necrosis](#)
- [Fetal Death](#)
- [Fetal Growth Retardation](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Disorders](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Renal Insufficiency](#)

- [Thrombosis](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)