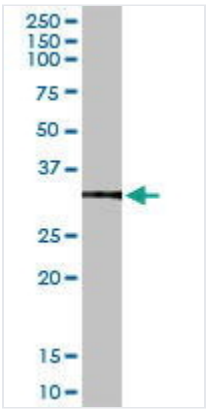
ANXA5 Antibody – Rabbit Polyclonal

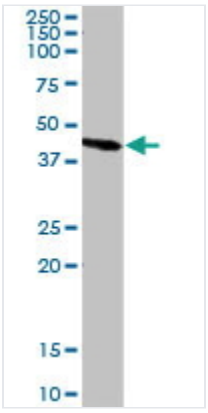
PRODUCT OVERVIEW

Product Name	ANXA5, Polyclonal Antibody
Full Product Name	ANXA5 (Annexin A5, Annexin-5, Annexin V, Lipocortin V, Endonexin II, Calphobindin I, CBP-I, Placental Anticoagulant Protein I, PAP-I, Placental Antic
Product Gene Name	anti-ANXA5 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ANXA5. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	35,937 Da
OMIM	131230
3D Structure	ModBase 3D Structure for P08758
Immunogen	Full length human ANXA5, aa1-320 (NP_001145.1).
Immunogen Sequence	MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILTLLTSRSNAQRQEISAAFKTLFGRDLLDDLKSELTGKFEKLIVALMKPSRLYDAYELKHALKG
Conjugate	PE
Note	Preservative Free
Product Categories/Family for anti-ANXA5 antibody	Antibodies; Apoptosis
Applications Tested/Suitable for anti-ANXA5 antibody	Western Blot (WB)
Application Notes for anti-ANXA5 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ANXA5 antibody	Annexin 5 belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII.
Other Notes	Small volumes of anti-ANXA5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

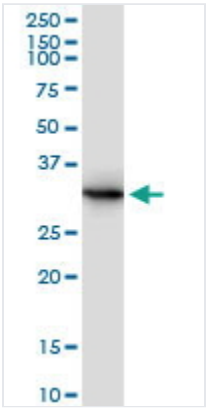
Searchable Terms for ANXA5 purchase	MBS6369956 is an antibody targeting ANXA5. Also known as ANXA5 (Annexin A5, Annexin-5, Annexin V, Lipocortin V, Endonexin II, Calphobindin I, C



Western Blot (WB) of anti-ANXA5 antibody
ANXA5 rabbit polyclonal antibody. Western Blot analysis of ANXA5 expression in human liver.



Western Blot (WB) of anti-ANXA5 antibody
ANXA5 rabbit polyclonal antibody. Western Blot analysis of ANXA5 expression in mouse liver.



Western Blot (WB) of anti-ANXA5 antibody
ANXA5 rabbit polyclonal antibody. Western Blot analysis of ANXA5 expression in HepG2.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANXA5. It may not necessarily be applicable to this product.

NCBI GI #	4502107
NCBI GeneID	308
NCBI Accession #	NP_001145.1
UniProt Primary Accession #	P08758
UniProt Secondary Accession #	Q6FHB3; Q6FI16; Q8WV69; Q9UDH9; D3DNW7
UniProt Related Accession #	P08758
GenBank Nucleotide #	NM_001154.2
NCBI Official Full Name	annexin A5
NCBI Official Synonym Full Names	annexin A5
NCBI Official Symbol	ANXA5
NCBI Official Synonym Symbols	PP4; ANX5; ENX2; RPRGL3; HEL-S-7
UniProt Protein Name	Annexin A5

UniProt Synonym Protein Names	Anchorin CII; Annexin V; Annexin-5; Calphobindin I; CBP-I; Endonexin II; Lipocortin V; Placental anticoagulant protein 4; PP4; Placental anticoagulant protein I; PAP-I; Thromboplastin inhibitor; Vascular anticoagulant-alpha
Protein Family	Annexin
UniProt Gene Name	ANXA5
UniProt Synonym Gene Names	ANX5; ENX2; PP4; CBP-I; PP4; PAP-I; VAC-alpha
UniProt Entry Name	ANXA5_HUMAN
NCBI Protein Information	annexin A5; CBP-I; PAP-I; VAC-alpha; annexin V; annexin-5; anchorin CII; endonexin II; lipocortin V; calphobindin I; thromboplastin inhibitor; vascular anticoagulant-alpha; epididymis secretory protein Li 7; placental anticoagulant protein 4; placental an
NCBI Summary for ANXA5	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, Jul 2008]
UniProt Comments for ANXA5	ANXA5: a calcium/phospholipid-binding protein and an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade. The binding of labeled ANXA5 to phosphatidylserine is used as a marker of apoptosis. Annexins are a family of structurally related proteins whose common property is calcium-dependent binding to phospholipids. There are at least ten different annexins in mammalian species. Annexins do not contain signal peptides, yet some annexins (A1, A2 and A5) appear to be secreted in a physiologically regulated fashion. Protein type: Calcium-binding; Inhibitor; Lipid-binding; Apoptosis Chromosomal Location of Human Ortholog: 4q27 Cellular Component: focal adhesion; membrane; cytoplasm; intracellular; external side of plasma membrane Molecular Function: phospholipase inhibitor activity; calcium-dependent phospholipid binding; phospholipid binding; calcium ion binding Biological Process: response to organic substance; negative regulation of catalytic activity; negative regulation of coagulation; blood coagulation; signal transduction; negative regulation of apoptosis Disease: Pregnancy Loss, Recurrent, Susceptibility To, 3
Research Articles on ANXA5	**1.** This review describes the structure, function and genetic expression of ANXA5, as well as its possible implication in recurrent pregnancy loss.
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