



Anti-ANXA5 (full length) polyclonal antibody (DPAB-DC1547)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ANXA5 (AAH01429, 1 a.a. ~ 320 a.a) full-length recombinant protein with GST tag. The sequence is MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILLLTSRSNAQRQEISAAFKTL FGRDLLDDLKSELTGKFEKLIVALKPSPRLYDAYELKHALKGAGTNEKVLTEIIASRTPE ELRAIKQVYEEEYGSLEDDVVGDTSGYYQRMLVVLLQANRDPDAGIDEAQVEQDAQALF QAGELKWGTDEEKFITIFGTRSVSHLRKVFDKYMTISGFQIEETIDRETSGNLEQLLAV VKSIRSIPAYLAETLYYAMKGAGTDDHTLIRVMVSRSEIDLFRKNFATSLYSMI KGDTSGDYKKALLLCGEDD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol

Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ANXA5 annexin A5 [Homo sapiens (human)]
Official Symbol	ANXA5
Synonyms	ANXA5; annexin A5; PP4; ANX5; ENX2; RPRGL3; HEL-S-7; 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 anticoagulant protein I;
Entrez Gene ID	308
Protein Refseq	NP_001145
UniProt ID	P08758
Chromosome Location	4q27
Pathway	Prostaglandin Synthesis and Regulation;
Function	calcium ion binding; calcium-dependent phospholipid binding; phospholipase inhibitor activity; phospholipid binding
