



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	ANXA5 (AAH01429, 1 a.a. ~ 320 a.a) full-length recombinant protein with GST tag. The sequence is MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILTLTSSRNAQRQEISAFAKTL FGRDLLDDLKSELTKFEKLIIVALKMPSRLYDAYELKHALKGAGTNEKVLTEIIASRTPE ELRAIKQVYEEYEGSSLEDDVVGDTSGYYQRMLVLLQANRDPDAGIDEAQVEQDAQALF QAGELKWGTDEEKFITIFGTRSVSHLRKVFDKYMISGFQIEETIDRETSGNLEQLLLAV VKSIRSIPAYLAETLYYAMKGAGTDDHTLIRVMVSRSEIDLFNIRKEFRKNFATSLYSMI KGDTS GDYKKALLLLCGEDD
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ANXA5 annexin A5 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ANXA5
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">308</a>
<b>Protein Refseq</b>	<a href="#">NP_001145</a>
<b>UniProt ID</b>	<a href="#">P08758</a>
<b>Chromosome Location</b>	4q27
<b>Pathway</b>	Prostaglandin Synthesis and Regulation;
<b>Function</b>	calcium ion binding; calcium-dependent phospholipid binding; phospholipase inhibitor activity; phospholipid binding