



Anti-ANXA2 (full length) polyclonal antibody (DPAB-DC1536)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	ANXA2 (AAH09564.1, 1 a.a. ~ 339 a.a) full-length recombinant protein with GST tag. The sequence is MFTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTIVNIL TNRSNQRQDIAFAYQRRTKKELASALKSALSGHLETLILGLLKTPAQYDASELKASMKG LGTDEDSLIEIICSRTNQELQEINRVYKEMYKTDLEKDIISDTSGDFRKLMMVALAKGRRRA EDGSVIDYELIDQDARDLYDAGVKKRGTDVPKWISIMTERSVPHLQKVFDTRYKSYSPYDM LESIRKEVKGDLNLAFLNLVQCIQNKPLYFADRLYDSMKGKGTDRDKVLIRIMVSRSEVDM LKIRSEFKRKYGKSLYYYIQDQTKGDYQKALLYLCGGDD
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Cell lysate), 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	ANXA2 annexin A2 [Homo sapiens (human)]
Official Symbol	ANXA2
Synonyms	ANXA2; annexin A2; P36; ANX2; LIP2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; HEL-S-270; annexin-2; protein I; annexin II; lipocortin II; chromobindin 8; chromobindin-8; calpactin I heavy chain; calpactin-1 heavy chain; calpactin I heavy polypeptide; placental anticoagulant protein IV; epididymis secretory protein Li 270;
Entrez Gene ID	302
Protein Refseq	NP_001002857
UniProt ID	A0A024R5Z7
Chromosome Location	15q22.2
Pathway	Prostaglandin Synthesis and Regulation;
Function	Rab GTPase binding; S100 protein binding; calcium ion binding; calcium-dependent phospholipid binding