



Rabbit Anti-Human ANXA9 Polyclonal Antibody (CABT-L2167)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Annexin A9 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against ANXA9. It has been selected for its ability to recognize ANXA9 in immunohistochemical staining and western blotting.
Target	ANXA9
Immunogen	Recombinant fragment corresponding to human ANXA9 (Met1~Met345)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	<p>The annexins are a family of calcium-dependent phospholipid-binding proteins. Members of the annexin family contain 4 internal repeat domains, each of which includes a type II calcium-binding site. The calcium-binding sites are required for annexins to aggregate and cooperatively bind anionic phospholipids and extracellular matrix proteins. This gene encodes a divergent member of the annexin protein family in which all four homologous type II calcium-binding sites in the conserved tetrad core contain amino acid substitutions that ablate their function. However, structural analysis suggests that the conserved putative ion channel formed by the tetrad core is intact. [provided by RefSeq, Jul 2008]</p>
Keywords	ANX-A9;ANX31;Annexin-31;Pemphaxin

GENE INFORMATION

Gene Name	ANXA9 annexin A9 [Homo sapiens (human)]
Official Symbol	ANXA9
Synonyms	ANXA9; annexin A9; ANX31; annexin-9; pemphaxin; annexin 31; annexin-31; annexin XXXI;
Entrez Gene ID	8416
Protein Refseq	NP_003559
UniProt ID	O76027
Chromosome Location	1q21
Function	acetylcholine receptor activity; calcium ion binding; calcium-dependent phospholipid binding; phosphatidylserine binding; phospholipid binding; protein binding; protein homodimerization activity;