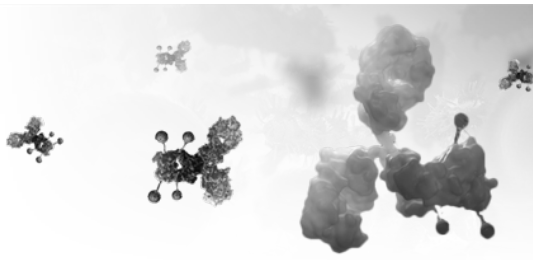

Mouse Anti-Human ANXA1 Monoclonal Antibody, clone E4 (CABT-L2059)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Annexin A1 (Knockout Validated)
Specificity	The antibody is a mouse monoclonal antibody raised against ANXA1. It has been selected for its ability to recognize ANXA1 in immunohistochemical staining and western blotting.
Target	ANXA1
Immunogen	Recombinant fragment corresponding to human ANXA1 (Met1~Asn346)
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	E4
Purification	Protein A + Protein G 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.

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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	This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors. [provided by RefSeq, Dec 2014]
Keywords	ANX-A1;ANX1;LPC1;Lipocortin I;Chromobindin-9;Calpactin II;Phospholipase A2 inhibitory protein

GENE INFORMATION

Gene Name	ANXA1 annexin A1 [Homo sapiens (human)]
Official Symbol	ANXA1
Synonyms	ANXA1; annexin A1; ANX1; LPC1; annexin-1; calpactin-2; calpactin II; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein;
Entrez Gene ID	301
Protein Refseq	NP_000691
UniProt ID	P04083
Chromosome Location	9q21.13
Pathway	Class A/1 (Rhodopsin-like receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; Formyl peptide receptors bind formyl peptides and many other ligands; G alpha (i) signalling events; G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	annealing helicase activity; calcium ion binding; calcium-dependent phospholipid binding; calcium-dependent protein binding; double-stranded DNA-dependent ATPase activity; helicase activity; phospholipase A2 inhibitor activity; phospholipid binding; protein binding; protein binding, bridging; protein homodimerization activity; receptor binding; single-stranded DNA binding; single-stranded RNA binding; structural molecule activity;

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