10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ANXA9 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17062c

Specification

ANXA9 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O76027
Other Accession	NP_003559.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**38364**
Antigen Region	**208-235**

ANXA9 Antibody (Center) - Additional Information

Gene ID 8416

Other Names
Annexin A9, Annexin XXXI, Annexin-31, Annexin-9, Pemphaxin, ANXA9, ANX31

Target/Specificity
This ANXA9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 208-235 amino acids from the Central region of human ANXA9.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ANXA9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ANXA9 Antibody (Center) - Protein Information

Name ANXA9

Synonyms ANX31

Function Low affinity receptor for acetylcholine known to be targeted by disease-causing pemphigus vulgaris antibodies in keratinocytes.

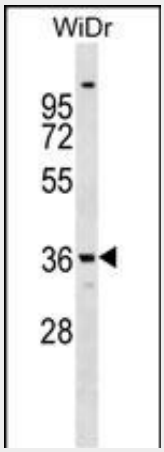
Tissue Location
Expressed in the stratified squamous skin epithelium, but not in epithelia of other types (at protein level)

ANXA9 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ANXA9 Antibody (Center) - Images



ANXA9 Antibody (Center) (Cat. #AP17062c) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the ANXA9 antibody detected the ANXA9 protein (arrow).

ANXA9 Antibody (Center) - Background

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.

ANXA9 Antibody (Center) - References

Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Goebeler, V., et al. FEBS Lett. 546 (2-3), 359-364 (2003) :
Nguyen, V.T., et al. J. Biol. Chem. 275(38):29466-29476(2000)
Morgan, R.O., et al. Gene 227(1):33-38(1999)