



Rabbit Anti-Annexin A9 antibody

SL5916R

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| Product Name: | Annexin A9 |
| Chinese Name: | 膜粘连蛋白9抗体 |
| Alias: | annexin 31; annexin A9; annexin XXXI; ANX31; ANXA9; ANXA 9; ANXA-9; pemphaxin; ANXA9_HUMAN . |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 38kDa |
| Cellular localization: | cytoplasmicExtracellular matrixSecretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human Annexin A9:261-345/345 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | ANXA9 may act as a low affinity receptor for acetylcholine and is expressed in the stratified squamous skin epithelium, but not in epithelia of other types (at protein level). ANXA9 is one of the target molecules recognized by autoantibodies in patients with pemphigus vulgaris, a rare, autoimmune skin disease in which epidermal blisters occur as the result of the loss of cell-cell adhesion. |

Function:

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

Subunit:

Homodimer.

Tissue Specificity:

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

Similarity:

Belongs to the annexin family.
Contains 4 annexin repeats.

SWISS:

O76027

Gene ID:

8416

Database links:

[Entrez Gene: 8416](#)Human

[Entrez Gene: 71790](#)Mouse

[Entrez Gene: 689830](#)Rat

[Omim: 603319](#)Human

[SwissProt: O76027](#)Human

[SwissProt: Q9JHQ0](#)Mouse

[Unigene: 3346](#)Human

[Unigene: 218844](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.