

Datasheet for ABIN3042915
anti-Annexin a10 antibody (C-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Annexin a10 (ANXA10)
Binding Specificity:	AA 308-324, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Annexin A10(ANXA10) detection. Tested with WB, IHC-P in Human,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Annexin A10(308-324aa HYKKALLAICAGDAEDY), different from the related mouse sequence by two amino acids, and from the related rat sequence by one amino acid.
Sequence:	HYKKALLAIC AGDAEDY
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Annexin A10(ANXA10) detection. Tested with WB, IHC-P in Human,Rat.</p> <p>Gene Name: annexin A10</p> <p>Protein Name: Annexin A10</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: Annexin a10 (ANXA10)

Alternative Name: ANXA10 ([ANXA10 Products](#))

Background: ANXA10(Annexin A10) is a member of the annexin family of calcium-dependent phospholipid-binding proteins. By FISH, Morgan et al.(1999) mapped the ANXA10 gene to chromosome 4q33. Morgan et al.(1999) suggested that the ablation or depletion of principal calcium-binding sites in annexins A9 and A10, respectively, may dispose them to function in distinct tissue environments where calcium sensitivity is not a major functional determinant.

Synonyms: annexin 14 antibody|Annexin A10 antibody|Annexin-10 antibody|Annexin-14 antibody|ANX 14 antibody|ANX10_HUMAN antibody|ANX14 antibody|ANXA 10 antibody|ANXA10 antibody

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, The detection limit for ANXA10 is approximately 1 ng/lane under reducing conditions.
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

Format: Lyophilized

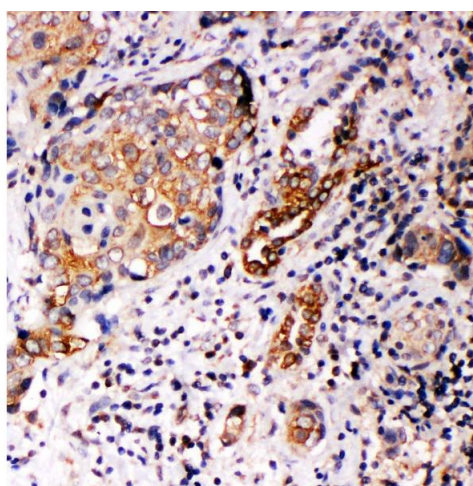
Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Handling

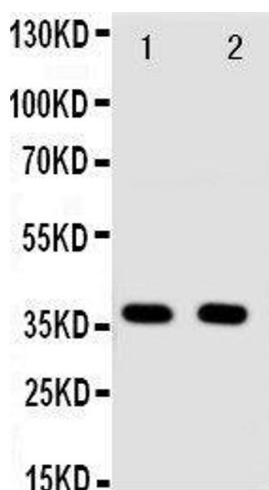
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Anti-Annexin A10 antibody, IHC(P) IHC(P): Human Lung Cancer Tissue



Western Blotting

Image 2. Anti-Annexin A10 antibody, Western blotting Lane 1: A549 Cell Lysate Lane 2: A549 Cell Lysate