

Datasheet for ABIN2855102
anti-ANXA6 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | ANXA6 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ANXA6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the C-terminus region of human Annexin VI. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Rabbit Polyclonal antibody to Annexin VI (annexin A6) Annexin VI antibody [C2C3], C-term |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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|---------|-------|
| Target: | ANXA6 |
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Target Details

| | |
|-------------------|--|
| Alternative Name: | annexin A6 (ANXA6 Products) |
| Background: | <p>Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Exon 21 of annexin VI is alternatively spliced, giving rise to two isoforms that differ by a 6-amino acid insertion at the start of the seventh repeat. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.</p> <p>Cellular Localization: Cytoplasm , Melanosome</p> |
| Molecular Weight: | 76 kDa |
| Gene ID: | 309 |
| UniProt: | P08133 |

Application Details

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| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: H1299 , NIH-3T3 |
| Restrictions: | For Research Use only |

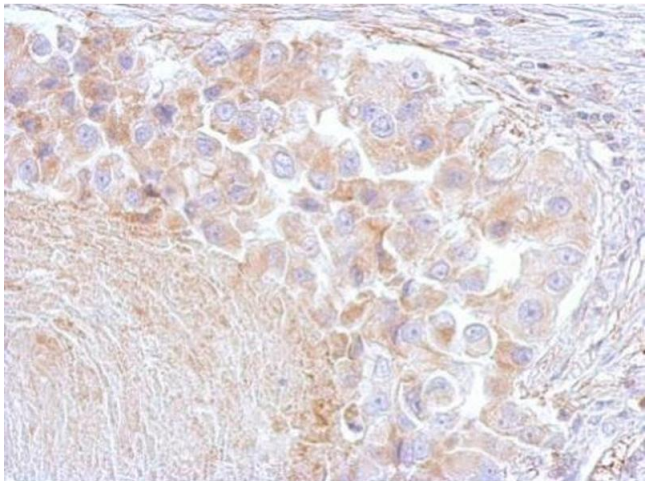
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.179 mg/mL |
| Buffer: | 1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |

Handling

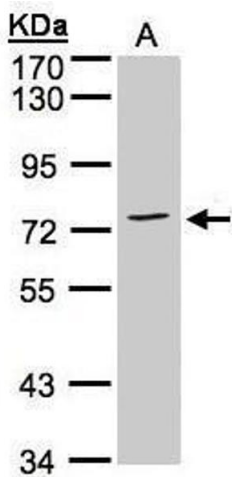
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104339 for Multiplex Immunohistochemistry (mIHC)



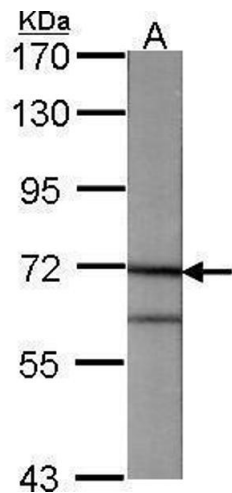
Immunohistochemistry

Image 1. IHC-P Image Annexin VI antibody [C2C3], C-term detects ANXA6 protein at cytosol on human breast by immunohistochemical analysis. Sample: Paraffin-embedded breast. Annexin VI antibody [C2C3], C-term , dilution: 1:500.



Western Blotting

Image 2. WB Image Sample(30 µg of whole cell lysate) A:H1299 7.5% SDS PAGE antibody diluted at 1:1500



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:NIH-3T3 7.5% SDS PAGE antibody diluted at 1:1000