

Datasheet: VPA00078KT

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| Description: | ANNEXIN I ANTIBODY WITH CONTROL LYSATE |
| Specificity: | ANNEXIN I |
| Other names: | Lipocortin I |
| Format: | Purified |
| Product Type: | PrecisionAb™ Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 2 Westerns |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

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| Target Species | Human |
| Species Cross Reactivity | Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species. |
| Product Form | Purified IgG - liquid |
| Preparation | 20µl Rabbit polyclonal antibody purified by affinity chromatography |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Immunogen | Human ANXA1 full-length recombinant protein 6x His tagged. |
| External Database Links | <p>UniProt: P04083 Related reagents</p> <p>Entrez Gene: 301 ANXA1 Related reagents</p> |

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| Synonyms | ANX1, LPC1 |
| Specificity | <p>Rabbit anti Human annexin I antibody recognizes human annexin I (ANXA1), otherwise known as lipocortin I, a calcium-dependent phospholipid-binding protein and member of the annexin family.</p> <p>Annexin is expressed on the cytosolic face of the plasma membrane, acts as an inhibitor of phospholipase A2, and may exhibit anti-inflammatory activity. Increased expression of the ANXA1 gene in hairy cell leukaemia, can be used in immunohistochemistry as a highly-sensitive diagnostic marker.</p> <p>Rabbit anti Human annexin I antibody detects a single band of 39 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p> |
| Western Blotting | Rabbit anti annexin I detects a band of approximately 39 kDa in K562 cell lysates. |
| Instructions For Use | Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page. |
| Lysate Composition | 400µg K562 lysate lyophilized in RIPA buffer. |
| Lysate Reconstitution | <p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p> |
| Storage | <p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p> |
| Guarantee | As supplied, 12 months from date of despatch. |
| Acknowledgements | PrecisionAb™ is a trademark of Bio-Rad Laboratories. |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10040 #10561 available at:</p> <p>Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</p> <p>Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</p> |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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