

Datasheet: VPA00077KT

Description:	ANNEXIN V ANTIBODY WITH CONTROL LYSATE
Specificity:	ANNEXIN V
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.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

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 (NaN₃)

Immunogen

Human ANXA5 full-length recombinant protein 6x His tagged.

External Database Links	UniProt: P08758 Related reagents
	Entrez Gene: 308 ANXA5 Related reagents
Synonyms	ANX5, ENX2, PP4
Specificity	<p>Rabbit anti Human annexin V antibody recognizes human annexin V (ANXA5), a member of the annexin family of membrane binding proteins that share structural properties and biological activities associated with membrane related processes. Annexin V, also known as placental anticoagulant protein 4, has potent anticoagulant properties and is amongst the annexins that have extracellular presence in addition to intracellular localization.</p> <p>The annexin V protein binds with high affinity to membranes bearing phosphatidylserine (PS) and fluorescently labeled annexin V is commonly used as a marker for apoptotic cells <i>in vitro</i> and <i>in vivo</i>.</p> <p>Rabbit anti Human annexin V antibody detects ANXA5 as a single band of 32 kDa in a range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p>
Western Blotting	Rabbit anti annexin V detects a band of approximately 32 kDa in HeLa 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 HeLa 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	Material Safety Datasheet documentation #10040 #10561 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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