

Datasheet: VPA00765

**BATCH NUMBER 170515**

<b>Description:</b>	RABBIT ANTI ALIX
<b>Specificity:</b>	ALIX
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## 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](http://www.bio-rad-antibodies.com/protocols).

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

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** 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 dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 2% Sucrose
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	KLH conjugated synthetic peptide corresponding to a portion of the C terminal region of human ALIX

**External Database  
Links**

**UniProt:**

[Q8WUM4](#)    [Related reagents](#)

**Entrez Gene:**

[10015](#)    PDCD6IP    [Related reagents](#)

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**Synonyms**            AIP1, ALIX, KIAA1375

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**Specificity**            **Rabbit anti Human ALIX antibody** recognizes ALIX, also known as PDCD6IP, AIP1, HP95, DRIP4 or ALG-2-interacting protein X.

This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. Related pseudogenes have been identified on chromosome 15 (provided by RefSeq, Jan 2012).

Rabbit anti Human ALIX antibody detects a band of 95 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**        Anti ALIX antibody recognizes a band of approximately 95 kDa in HeLa cell lysates

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**Storage**                Store undiluted at -20°C, avoiding repeated freeze thaw cycles

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**Guarantee**              12 months from date of despatch

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**Acknowledgements**    PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety  
Information**            Material Safety Datasheet documentation #10045 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00765>  
Antibody (10045)

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**Regulatory**             For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

**North & South**    Tel: +1 800 265 7376

**America**            Fax: +1 919 878 3751

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M390381:210909'

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