

## Datasheet: VPA00312KT

<b>Description:</b>	IFITM3 ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	IFITM3
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid
<b>Preparation</b>	20µl Rabbit Ig fraction prepared by ammonium sulphate precipitation
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 1-30 of human IFITM3
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q01628</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">10410</a> IFITM3    <a href="#">Related reagents</a></p>

### Specificity

**Rabbit anti Human IFITM3 antibody** recognizes the IFITM3, also known as fragilis, dispanin subfamily A member 2b and interferon-inducible protein 1-8U.

The protein encoded by the IFITM3 gene is an interferon-induced membrane protein that helps confer immunity to influenza A H1N1 virus, West Nile virus, and dengue virus. Two transcript

variants, only one of them protein-coding, have been found for IFITM3. Another variant encoding an N-terminally truncated isoform has been reported, but the full-length nature of this variant has not been determined (provided by RefSeq, May 2012).

Rabbit anti IFITM3 antibody detects a band of 15 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti IFITM3 detects a band of approximately 15 kDa in HeLa cell lysate

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**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.

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**Lysate Composition** 400µg HeLa lysate lyophilized in RIPA buffer

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**Lysate Reconstitution** - If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.  
- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.  
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.

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

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.

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**Shelf Life** As supplied, 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 #10040 #10561 available at:  
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>  
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

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**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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