

## Datasheet: AHP547

<b>Description:</b>	RABBIT ANTI HUMAN IKK BETA (C3) (aa662-680)
<b>Specificity:</b>	IKK BETA (aa662-680)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/500

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species** Human

**Product Form** Purified IgG - liquid

**Antiserum Preparation** Antisera to human IKK Beta were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.02% Sodium Azide

**Approx. Protein Concentrations** IgG concentration 0.5 mg/ml

**Immunogen** Synthetic peptide corresponding to amino acids 662-680 of human IKK Beta.

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**External Database**

**Links**

**UniProt:**

[O14920](#)

[Related reagents](#)

**Entrez Gene:**

[3551](#)

IKKKB

[Related reagents](#)

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**Synonyms**

IKKB

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**RRID**

AB\_323180

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**Specificity**

**Rabbit anti Human IKK antibody** recognizes human Inhibitor of nuclear factor kappa-B kinase (IKK). IKK is a serine protein kinase. The IKK complex consists of an alpha IKK subunit and a beta IKK subunit. Both IKK alpha and IKK beta subunits are required for NFkB activation.

Rabbit anti Human IKK antibody recognises IKK beta and does not cross react with IKK alpha or IKK gamma.

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**Further Reading**

1. Woronicz, J.D. *et al.* (1997) I Kappa B kinase-beta: NF-kappa B activation and complex formation with I Kappa B kinase-alpha and NIK. [Science 278: 866-9.](#)

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**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

18 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

### Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

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

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