**Datasheet: AHP288**

<table>
<thead>
<tr>
<th>Description</th>
<th>RABBIT ANTI NFkB p65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity</td>
<td>NFkB p65</td>
</tr>
<tr>
<td>Format</td>
<td>Serum</td>
</tr>
<tr>
<td>Product Type</td>
<td>Polyclonal Antibody</td>
</tr>
<tr>
<td>Isotype</td>
<td>Polyclonal IgG</td>
</tr>
<tr>
<td>Quantity</td>
<td>0.1 ml</td>
</tr>
</tbody>
</table>

**Product Details**

**Applications**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td>1/5000 - 1/25000</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>1/2000 - 1/5000</td>
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<tr>
<td>Immunofluorescence</td>
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<tr>
<td>Gel Super Shift Assays</td>
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<td>0.5 - 1.0 ul per test</td>
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</tbody>
</table>

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

**Species Cross Reactivity**

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form**

Serum - liquid

**Antiserum Preparation**

Antisera to NFkB p65 were raised by repeated immunisation of rabbits with highly purified antigen.

**Preservative Stabilisers**

0.01% Sodium Azide

**Immunogen**

NFkB p65 peptide corresponding to the C-terminus region of the human protein conjugated to KLH.

**External Database Links**

**UniProt:**

Q04206  Related reagents

**Entrez Gene:**
Synonyms
NFKB3

Specificity
Rabbit anti Human NFkB p65 antibody recognizes the human Transcription factor p65, also known as Nuclear factor NF-kappa-B p65 subunit, NFkB p65, RelA or Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3. NFkB p65 is a 551 amino acid ~65 kDa subunit of the NFkB transcription factor present in most cell types and is involved as the endpoint in an array of signal transduction events related to many processes including apoptosis, immunity, inflammation and tumorigenesis. The most abundant form of NFkB appears to be the p65-p50 heterodimer. In the active form NFkB p65 is found in the nucleus co-localizing with the ATP-dependent RNA helicase DDX1. NFkB p65 is also found in an inactive form in the cytoplasm associated with the inhibitor IκB (UniProt: Q04206).

In a gel supershift assay Rabbit anti Human NFkB p65 antibody was found to be active against all p65 containing human, mouse or rat NFkB complexes using 0.5ul to 1.0ul per assay. The binding of Rabbit anti Human NFkB p65 antibody to the NFκB p65 subunit can be blocked using the NFκB p65 control peptide (PHP073).

References

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.

Shelf Life
18 months from date of despatch.

Health And Safety Information
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®549, DyLight®649, DyLight®680, DyLight®800**
- Sheep Anti Rabbit IgG (2AB02...) **Biotin**

**Recommended Positive Controls**

- **NFκB p65 CONTROL PEPTIDE (PHP073)**

**Recommended Useful Reagents**

- **TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)**