

## Rabbit IKK gamma Polyclonal Antibody | anti-IKKgamma antibody

Rabbit anti-IKK gamma (pS31) Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA221250</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

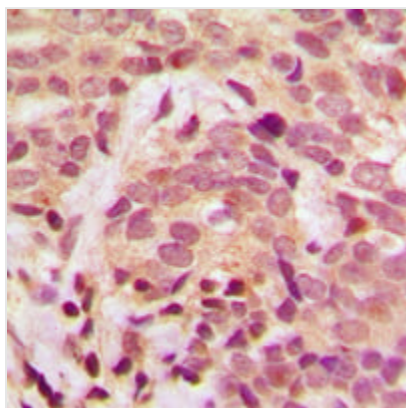
### PRODUCT SYNONYMS

IKK gamma; Polyclonal Antibody; Rabbit anti-IKK gamma (pS31) Antibody; FIP3; NEMO; NF-kappa-B essential modulator; FIP-3; Ikb kinase-associated protein 1; IKKAP1; Inhibitor of nuclear factor kappa-B kinase subunit gamma; I-kappa-B kinase subunit gamma; IKK-gamma; IKKG; Ikb kinase subunit gamma; NF-kappa-B essential modifier; anti-IKKgamma antibody

### PRODUCT SPECIFICATIONS

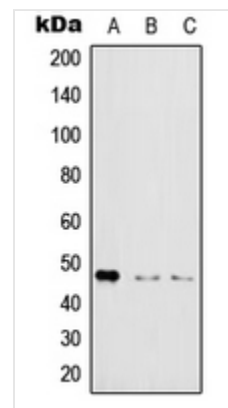
|                                                    |                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                   |
| Reactivity                                         | Human, Mouse, Rat                                                                                                                        |
| Clonality                                          | Polyclonal                                                                                                                               |
| Purity/Purification                                | The antibody was purified by immunogen affinity chromatography.                                                                          |
| Form/Format                                        | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                |
| Concentration                                      | 1mg/mL (varies by lot)                                                                                                                   |
| Applicable Applications for anti-IKKgamma antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                            |
| Immunogen                                          | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IKK gamma. The exact sequence is proprietary. |
| Preparation and Storage                            | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of IKK gamma (pS31) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of IKK gamma (pS31) expression in HeLa LPS-treated (A), Raw264.7 LPS-treated (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                    |
|------------------------------------------------------|--------------------|
| Product Categories/Family for anti-IKKgamma antibody | Primary antibodies |
|------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 223671870                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 8517                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001093326.2                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001099856.2                                                                                                                                                                                                                                                  |
| UniProt Accession #              | Q9Y6K9; O88522; Q6TMG5                                                                                                                                                                                                                                          |
| Molecular Weight                 | 48,198 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | NF-kappa-B essential modulator isoform b                                                                                                                                                                                                                        |
| NCBI Official Synonym Full Names | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma                                                                                                                                                                                     |
| NCBI Official Symbol             | IKBKG                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; AMCBX1; ZC2HC9; IKK-gamma                                                                                                                                                                                         |
| NCBI Protein Information         | NF-kappa-B essential modulator; IKKG; IKKAP1; incontinentia pigmenti; IκB kinase gamma subunit; IκB kinase subunit gamma; NFκappaB essential modulator; NF-kappa-B essential modifier; I-kappa-B kinase subunit gamma; IκB kinase-associated protein 1; inhibit |
| UniProt Protein Name             | NF-kappa-B essential modulator                                                                                                                                                                                                                                  |
| UniProt Gene Name                | IKBKG                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | FIP3; NEMO; NEMO; IKKAP1; I-kappa-B kinase subunit gamma; IKK-gamma; IKKG                                                                                                                                                                                       |
| UniProt Entry Name               | NEMO_HUMAN                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.