

**Anti-IKB beta Antibody**  
**Rabbit polyclonal antibody to IKB beta**  
**Catalog # AP59638****Specification**

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**Anti-IKB beta Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O15653</a>
Other Accession	<a href="#">O60778</a>
Reactivity	<b>Human, Mouse, Rat, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>37771</b>

**Anti-IKB beta Antibody - Additional Information****Gene ID** 4793**Other Names**

IKBB; TRIP9; NF-kappa-B inhibitor beta; NF-kappa-BIB; I-kappa-B-beta; Ikb-B; Ikb-beta; IkkappaBbeta; Thyroid receptor-interacting protein 9; TR-interacting protein 9; TRIP-9

**Target/Specificity**

Recognizes endogenous levels of IKB beta protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-IKB beta Antibody - Protein Information****Name** NFKBIB**Synonyms** IKBB, TRIP9**Function**

Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation.

**Cellular Location**

Cytoplasm. Nucleus.

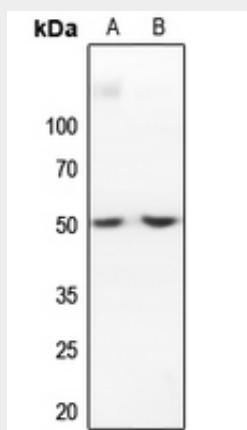
**Tissue Location**

Expressed in all tissues examined.

**Anti-IKB beta Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-IKB beta Antibody - Images**

Western blot analysis of IKB beta expression in mouse liver (A), rat liver (B) whole cell lysates.

**Anti-IKB beta Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IKB beta. The exact sequence is proprietary.