10320 Camino Santa Fe, Suite G
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IκB-β (phospho Thr19) Polyclonal Antibody
Catalog # AP67232

Specification

IκB-β (phospho Thr19) Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	Q15653
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

IκB-β (phospho Thr19) Polyclonal Antibody - Additional Information

Gene ID 4793

Other Names
NFKBIB; IKBB; TRIP9; NF-kappa-B inhibitor beta; NF-kappa-BIB; I-kappa-B-beta; IkB-B; IkB-beta; IkappaBbeta; Thyroid receptor-interacting protein 9; TR-interacting protein 9; TRIP-9

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

IκB-β (phospho Thr19) Polyclonal 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.

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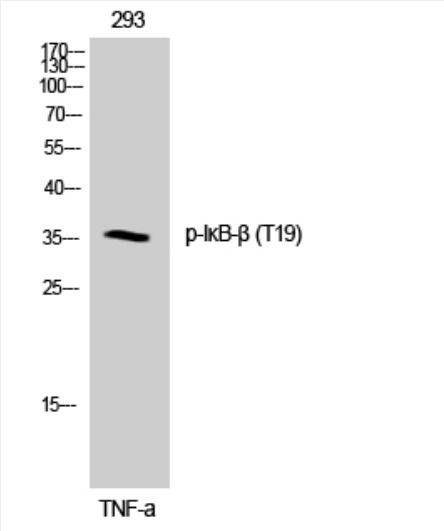
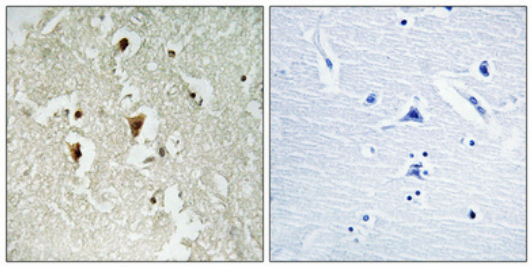
IκB-β (phospho Thr19) Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IκB-β (phospho Thr19) Polyclonal Antibody - Images





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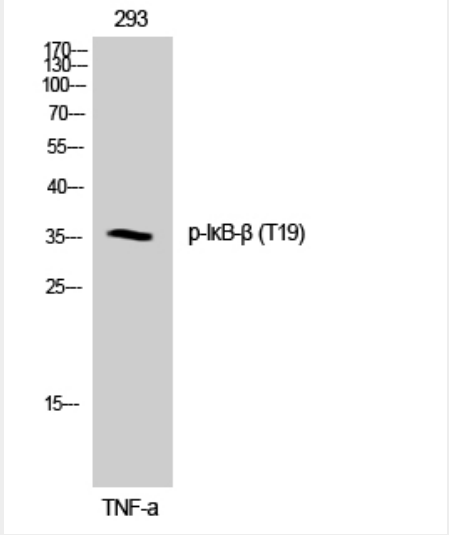

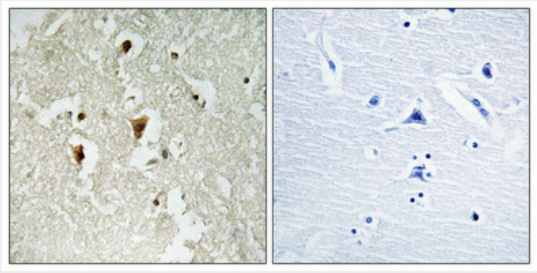

IκB-β (phospho Thr19) Polyclonal Antibody - Background

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.