

Anti-Phospho-kappa-beta (T19) NFKBIB Antibody

Catalog Number: A05766T19

About NFKBIB

The protein encoded by this gene is a bifunctional enzyme and is one of the four enzymes of the peroxisomal beta-oxidation pathway. The N-terminal region of the encoded protein contains enoyl-CoA hydratase activity while the C-terminal region contains 3-hydroxyacyl-CoA dehydrogenase activity. Defects in this gene are a cause of peroxisomal disorders such as Zellweger syndrome. Two transcript variants encoding different isoforms have been found for this gene.

Hoefler G., Genomics 19:60-67(1994).

Cherkaoui-Malki M., Submitted (SEP-2001) to the EMBL/GenBank/DDBJ databases.

Totoki Y., Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-Phospho-kappa-beta (T19) NFKBIB Antibody
Reactive Species	Human
Description	Boster Bio Anti-Phospho-kappa-beta (T19) NFKBIB Antibody catalog # A05766T19. Tested in ELISA, IHC, WB applications. This antibody reacts with Human.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q15653

Technical Details

Immunogen	Synthesized peptide derived from human IkappaB-beta around the phosphorylation site of T19.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:5000

Anti-Phospho-kappa-beta (T19) NFKBIB Antibody (A05766T19) Images

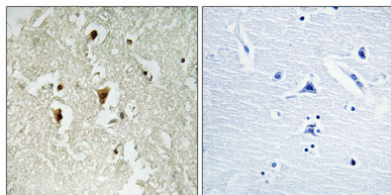


Figure 2. Immunohistochemistry validation of NFKBIB using Anti-Phospho-kappa-beta (T19) NFKBIB Antibody (A05766T19).

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C

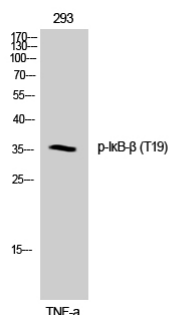


Figure 1. Western blotting validation for Anti-Phospho-kappa-beta (T19) NFKBIB Antibody A05766T19

Western Blot (WB) analysis of 293 cells using Phospho-IkappaB-beta (T19) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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