

Datasheet for ABIN2792627

anti-NFKBIL2 antibody (Middle Region)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	NFKBIL2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NFKBIL2
Sequence:	RAIIHVSLAT TLGDMKDHHG AVRHYEEELR LRSGNVLEEA KTWLNIALSR
Cross-Reactivity:	Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Dog: 84%, Human: 100%, Mouse: 83%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against NFKBIL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NFKBIL2
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Target Details

Alternative Name:	NFKBIL2 / IKBR (NFKBIL2 Products)
Background:	<p>NFKBIL2 is thought to be a negative regulator of NF-kappa-B mediated transcription. It may bind NF-kappa-B complexes and trap them in the cytoplasm, preventing them from entering the nucleus and interacting with the DNA. Phosphorylation of this protein targets it for degradation by the ubiquitination pathway, which frees the NF-kappa-B complexes to enter the nucleus. The protein encoded by this gene is thought to be a negative regulator of NF-kappa-B mediated transcription. The encoded protein may bind NF-kappa-B complexes and trap them in the cytoplasm, preventing them from entering the nucleus and interacting with the DNA. Phosphorylation of this protein targets it for degradation by the ubiquitination pathway, which frees the NF-kappa-B complexes to enter the nucleus.</p> <p>Alias Symbols: FLJ40087, IKBR, NFKBIL2</p> <p>Protein Interaction Partner: HIST3H3, MCM6, MCM2, MMS22L, ASF1B, ASF1A, UBC, MYC, MAU2, SLC25A5, SUPT16H, SUGT1, AIFM1, HIST1H2BL, XRCC5, SSRP1, SLC25A3, TONSL, MCM4, HIST1H2AE, HIST1H1B, HIST1H1C, XRCC6, GSK3B, MCM7, MCM5, MCM3, EWSR1, Protein Size: 1219</p>
Molecular Weight:	133 kDa
Gene ID:	4796
NCBI Accession:	NM_013432 , NP_038460
UniProt:	Q96HA7
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	WB Suggested Anti-NFKBIL2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:62500 Positive Control: 293T cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1219 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

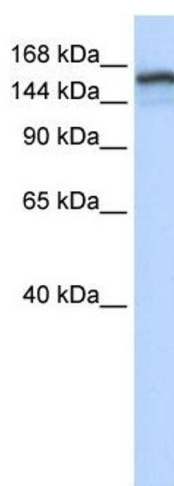
Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: Molecular systems biology , Vol. 3, pp. 89, (2007) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-NFKBIL2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate