Datasheet for ABIN6700320

NFKB2 Protein (GST tag)

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Overview

Quantity:	20 µg
Target:	NFKB2
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFKB2 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	NFkB2 recombinant protein-GST fusion protein
Purification:	Recombinant human NFKB2 (1-454) was expressed in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

Target Details

Target:	NFKB2
Alternative Name:	NFKB2 (NFKB2 Products)
Background:	Synonyms: NFKB2-p52, NFKB2-p100, LYT10, LYT-10, Nuclear factor NF-kappa-B p100 subunit DNA-binding factor KBF2, H2TF1, Lymphocyte translocation chromosome 10 protein, Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, Oncogene Lyt-10, Lyt10

Target Details

	Background: NFKB2 is a part of the NFKB complex that is present in various cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and disease states. NFKB protein is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products (1). Inappropriate activation of NFKB has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS (2). Overexpression of NFKB2 protects androgen sensitive LNCaP cells from apoptotic cell death and cell cycle arrest induced by androgen-deprivation. NFKB2 Protein is ideal for investigators involved in Signaling Proteins, Transcription Proteins, AKT/PKB Pathway, Apoptosis/Autophagy, Inflammation, and p38 Pathway research.
NCBI Accession:	NM_002502
Pathways:	Toll-Like Receptors Cascades

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: NFKB2 Protein is suitable for use in Western Blot. Expect a band approximately ~84 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 µg/µL
Buffer:	NFKB2 Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.
Storage:	-80 °C
Storage Comment:	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiry Date:	12 months