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Datasheet for ABIN7303858
anti-NFKBIE antibody (pSer22)

3 Images

Overview

Quantity:	100 µL
Target:	NFKBIE
Binding Specificity:	pSer22
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IKB epsilon (pS22).
Specificity:	Recognizes endogenous levels of IKB epsilon (pS22) protein.
Characteristics:	Rabbit polyclonal antibody to IKB epsilon (pS22)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	NFKBIE
Alternative Name:	IKB epsilon (NFKBIE Products)

Target Details

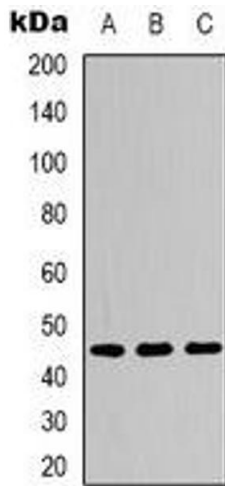
Background:	IKBE, NF-kappa-B inhibitor epsilon, NF-kappa-BIE, I-kappa-B-epsilon, Ikb-E, Ikb-epsilon, IkappaBepsilon
Gene ID:	4794, 18037
UniProt:	O00221 , O54910
Pathways:	NF-kappaB Signaling , Maintenance of Protein Location

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

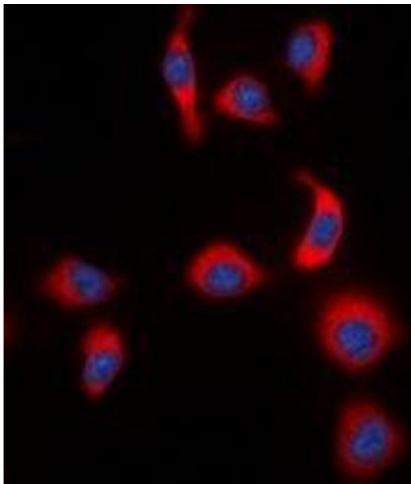
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



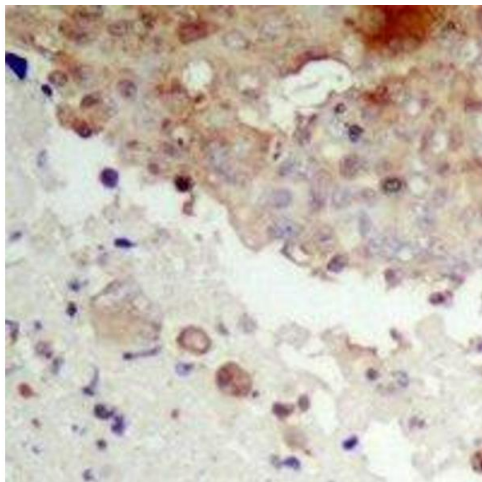
Western Blotting

Image 1. Western blot analysis of IKB epsilon (pS22) expression in HeLa LPS-treated (A), NIH3T3 LPS-treated (B), PC12 H₂O₂-treated (C) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of IKB epsilon (pS22) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the prim



Immunohistochemistry

Image 3. Immunohistochemical analysis of IKB epsilon (pS22) staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was th