

Datasheet for ABIN3020771
anti-IKKi/IKKe antibody (AA 495-716)



[Go to Product page](#)

4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	IKKi/IKKe (IKBKE)
Binding Specificity:	AA 495-716
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKKi/IKKe antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 495-716 of human IKKepsilon (NP_054721.1).
Sequence:	LRSRLRTLAE VLSRCSQKIT ETQESLSSLN RELVKS RDQV HEDRSIQIQ CCLDKMNFYI KQFKSRMRP GLGYNEEQIH KLDKVNFSHL AKRLLQVFQE ECVQKYQASL VTHGKRMRVV HETRNLRLV GCSVAACNTE AQGVQESLSK LLEELSHQLL QDRAKGAQAS PPPIAPYPSP TRKDLLLHMV ELCEGMKLLA SDLLDNNRII ERLNRVPAPP DV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	IKKi/IKKe (IKBKE)
Alternative Name:	IKBKE (IKBKE Products)
Background:	IKBKE is a noncanonical I-kappa-B (see MIM 164008) kinase (IKK) that is essential for regulating antiviral signaling pathways. IKBKE has also been identified as a breast cancer (MIM 114480) oncogene and is amplified and overexpressed in over 30 % of breast carcinomas and breast cancer cell lines (Hutti et al., 2009 [PubMed 19481526]).[supplied by OMIM, Oct 2009],IKBKE,IKK-E,IKK-i,IKKE,IKKI,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Kinase,Serine/threonine kinases,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Death Receptor Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,NF-kB Signaling Pathway,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,IKBKE
Molecular Weight:	70 kDa/80 kDa
Gene ID:	9641
UniProt:	Q14164
Pathways:	TLR Signaling , Activation of Innate immune Response , Hepatitis C , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

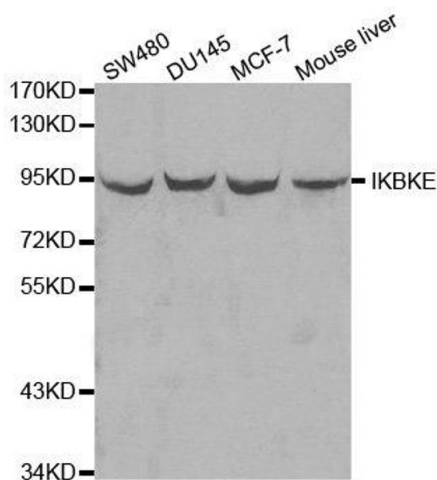
Publications

Product cited in: Sidler, Aitken, Jiang, Sotiropoulos, Aggarwal, Anees, Chong, Siebenaller, Thanabalasingam, White, Choufani, Weksberg, Sangiorgi, Wrana, Delgado-Olguin, Bägli et al.: "DNA Methylation Reduces the Yes-Associated Protein 1/WW Domain Containing Transcription Regulator 1 Pathway and Prevents Pathologic Remodeling during Bladder Obstruction by Limiting Expression of ..." in: **The American journal of pathology**, Vol. 188, Issue 10, pp. 2177-2194, (2018) ([PubMed](#)).

Hang, Zhao, Sun, Li, Han, Du, Li: "Brain-derived neurotrophic factor attenuates doxorubicin-induced cardiac dysfunction through activating Akt signalling in rats." in: **Journal of cellular and molecular medicine**, Vol. 21, Issue 4, pp. 685-696, (2017) ([PubMed](#)).

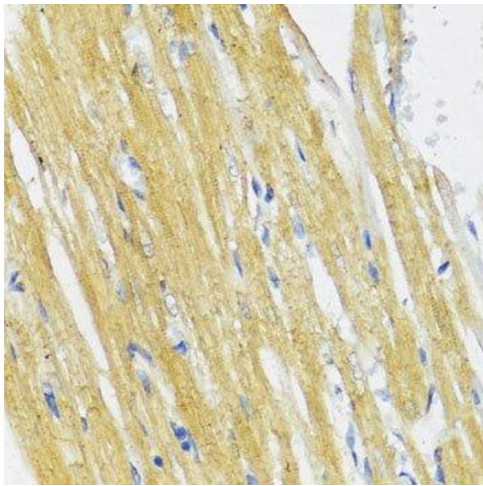
Hang, Sun, Guo, Zhao, Du: "BDNF-mediates Down-regulation of MicroRNA-195 Inhibits Ischemic Cardiac Apoptosis in Rats." in: **International journal of biological sciences**, Vol. 12, Issue 8, pp. 979-89, (2017) ([PubMed](#)).

Images



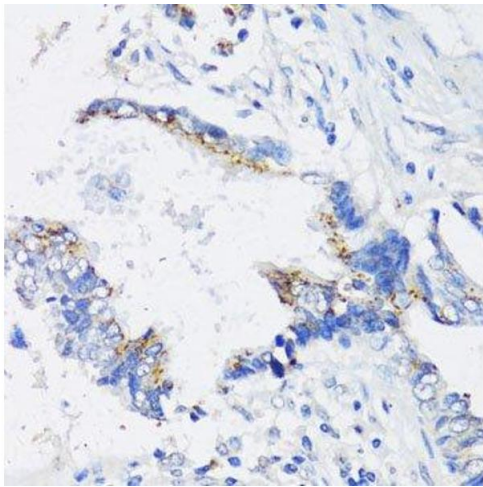
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IKBKE antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded rat heart using IKBKE antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human lung cancer using IKBKE antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3020771.