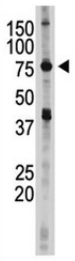
IKKE Antibody / IKKI / IKBKE (F51063)

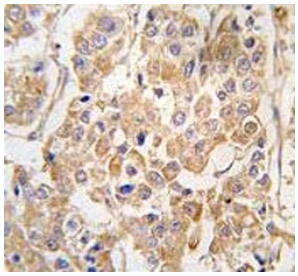
Catalog No.	Formulation	Size
F51063-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51063-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q14164
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This IKKE antibody is available for research use only.



IKKE antibody used in western blot to detect IKKE in 293 cell lysate



IHC analysis of FFPE human breast carcinoma tissue stained with the IKKE antibody

Description

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The AGC kinase group consists of 63 kinases including the cyclic nucleotide-regulated protein kinase (PKA & PKG) family, the diacylglycerol-activated/phospholipid-dependent protein kinase C (PKC) family, the related to PKA and PKC (RAC/Akt) protein kinase family, the kinases that phosphorylate G protein-coupled receptors family (ARK), and the kinases that phosphorylate ribosomal protein S6 family (RSK).

Application Notes

Titration of the IKKE antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 686-716 from the human protein was used as the immunogen for this IKKE antibody.

Storage

Aliquot the IKKE antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.