

# DHA Kinase rabbit pAb

Cat No.:ES5458

For research use only

## Overview

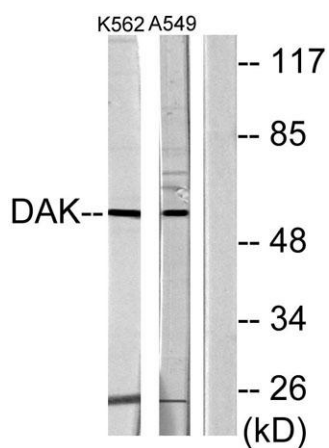
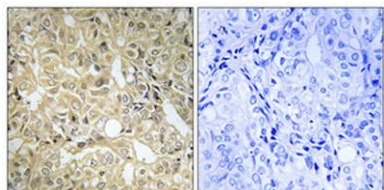
Product Name	DHA Kinase rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DAK. AA range:91-140
Specificity	DHA Kinase Polyclonal Antibody detects endogenous levels of DHA Kinase protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase
Gene Name	DAK
Cellular localization	nucleus,cytosol,extracellular exosome,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	59kD
Human Gene ID	26007
Human Swiss-Prot Number	Q3LXA3
Alternative Names	DAK; Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase; cyclizing
Background	This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several





alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded Human prostate cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-abs



Western blot analysis of lysates from K562 and A549 cells, using DAK Antibody. The lane on the right is blocked with the synthesized peptide.

