DGK-α (A340) polyclonal antibody

Catalog: BCP00653 Host: Rabbit Reactivity: Human,Rat

BackGround:

Diacylglycerol kinases (DGKs) phosphorylate diacylglycerol (DAG) to produce phosphatidic acid. DAG and phosphatidic acid are lipids that act as second messengers in signaling cascades. DGK-alpha influences cell activation and secretion of lethal exosomes, which in turn control cell death. DGK-beta is abundant in restricted brain regions such as the caudate putamen and olfactory tubercle. DGK-gamma encodes full-length and truncated transcripts that are present in a range of human tissues, with greatest expression observed in retina. DGK-delta is most abundant in skeletal muscle. DGK-epsilon shows specificity for arachidonyl-containing diacylglycerol and is expressed predominantly in testis. DGK-zeta is most abundant in brain and muscle. DGK-eta is closely related to DGK-delta. DGK-theta is most abundant in the cerebellum and hippocampus.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 90 kDa

Swiss-Prot:

P23743

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

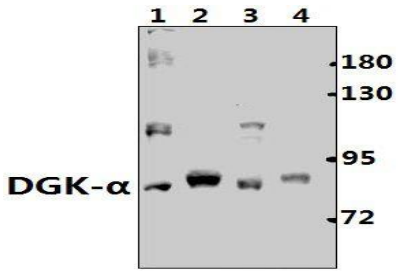
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

DGK-α (A340) polyclonal antibody detects endogenous levels of DGK-α protein.

DATA:



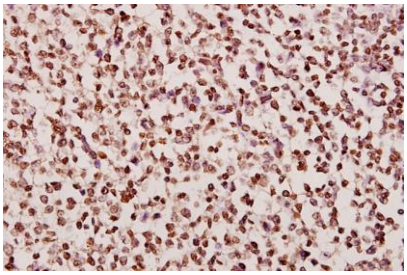
Western blot (WB) analysis of DGK-α (A340) pAb at 1:2000 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:Myla2059 whole cell lysate(40ug)

Lane4:HuT78 whole cell lysate(10ug)



Immunohistochemistry (IHC) analyzes of DGK-α (A340) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

Complex biotech, co. Ltd.
Add：No 9, weidi road Qixia District Nanjing, 210046, P. R. China.