

VRK2 Antibody

Catalog No: #43825

Package Size: #43825 100ul

Description

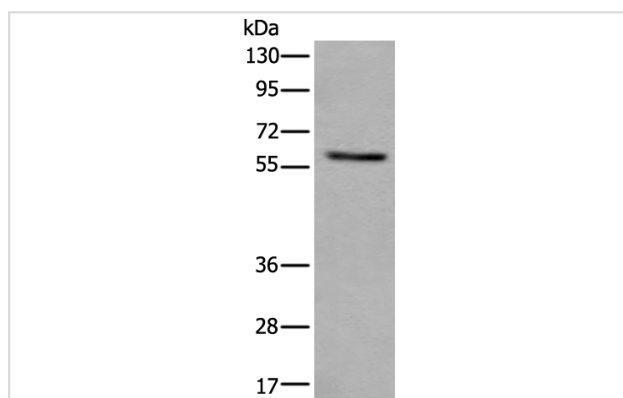
Product Name	VRK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VRK2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human VRK2
Conjugates	Unconjugated
Target Name	VRK2
Accession No.	Swiss-Prot#: Q86Y07NCBI Gene ID: 7444
Calculated MW	58kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-2000

Immunohistochemistry: 1: 100-200

Images



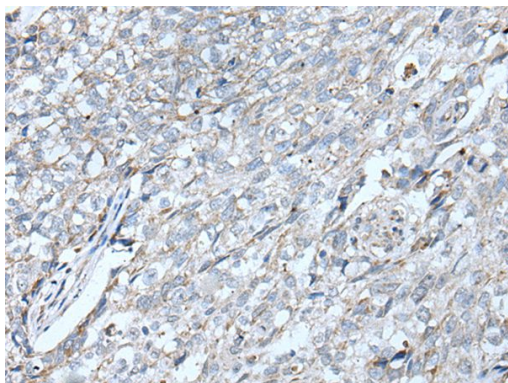
Gel: 8%SDS-PAGE

Lysate: 40 µg, Lane: Human fetal liver tissue lysate,

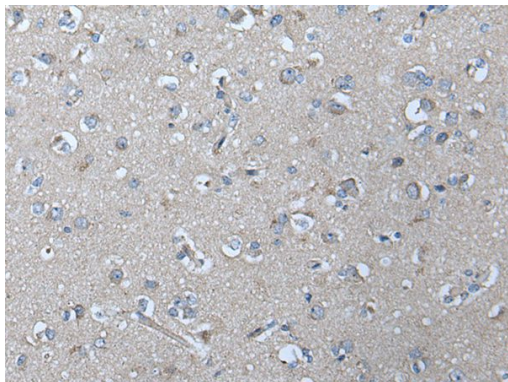
Primary antibody:VRK2 antibody at dilution 1/500,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 2 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using VRK2 Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using VRK2 Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. The encoded protein acts as an effector of signaling pathways that regulate apoptosis and tumor cell growth. Variants in this gene have been associated with schizophrenia. Alternative splicing results in multiple transcript variants that differ in their subcellular localization and biological activity.

Published Papers

Chen Yijiao;Ding Chen;He Fuchu;Qin Zhaoyu;Ren Li;Wei Ye;Xu Jianmin;Yue Xuetong;Zhou Pengyang;Zhu Dexiang;Zhuang Aobo;Zhuang Aojia et al., Proteomic characteristics reveal the signatures and the risks of T1 colorectal cancer metastasis to lymph nodes, , (2023)

[PMID:37158593](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.