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Product datasheet for TA811397

VRK2 Mouse Monoclonal Antibody [Clone ID: OTI2F5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2F5
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 301-486 of human VRK2 (NP_006287) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	vaccinia related kinase 2
Database Link:	NP_006287 Entrez Gene 7444 Human Q86Y07
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. [provided by RefSeq, Jan 2014]
Synonyms:	vaccinia-related kinase-2; vaccinia related kinase 2; vaccinia virus B1R-related kinase 2

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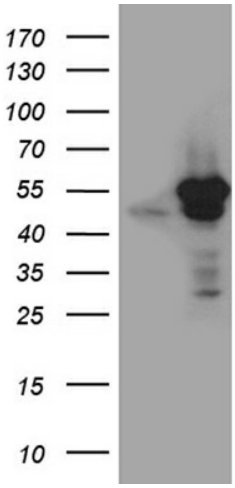
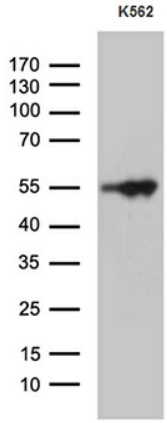
Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY VRK2 (Cat# [RC206522], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VRK2 (Cat# TA811397)(1:2000). Positive lysates [LY416739] (100ug) and [LC416739] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from K562 cell line by using anti-VRK2 monoclonal antibody (1:500).

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