

## Datasheet

### VRK3 polyclonal antibody (A01)

results in multiple transcripts encoding different isoforms.  
[provided by RefSeq]

**Catalog Number:** H00051231-A01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant VRK3.

**Immunogen:** VRK3 (NP\_001020949, 322 a.a. ~ 424 a.a) partial recombinant protein with GST tag.

**Sequence:**

DLQSLGYCMLKWLYGFLPWTNCLPNTEDIMKQKQKFV  
DKPGPFVGP CGHWIRPSETLQKYLKVVMAITYEEKPP  
YAMLRNNLEALLQDLRVSPYDPIGLPMVP

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 51231

**Gene Symbol:** VRK3

**Gene Alias:** -

**Gene Summary:** This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. In both human and mouse, this gene has substitutions at several residues within the ATP binding motifs that in other kinases have been shown to be required for catalysis. In vitro assays indicate the protein lacks phosphorylation activity. The protein, however, likely retains its substrate binding capability. This gene is widely expressed in human tissues and its protein localizes to the nucleus. Alternative splicing