



Anti-RTKN (aa 451-549) polyclonal antibody (DPAB-DC2761)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a scaffold protein that interacts with GTP-bound Rho proteins. Binding of this protein inhibits the GTPase activity of Rho proteins. This protein may interfere with the conversion of active, GTP-bound Rho to the inactive GDP-bound form by RhoGAP. Rho proteins regulate many important cellular processes, including cytokinesis, transcription, smooth muscle contraction, cell growth and transformation. Dysregulation of the Rho signal transduction pathway has been implicated in many forms of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms.
Immunogen	RTKN (NP_149035, 451 a.a. ~ 549 a.a) partial recombinant protein with GST tag. The sequence is VTDILTQREGARLETPPPWLAMFTDQPALPNPCSPASVAPAPDWITHPLPWGRPRTFSLDA VPPDHSPRARSVAPLPPQRSRTRGLCSKGQRPRTWLQSP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RTKN rhotekin [Homo sapiens (human)]
Official Symbol	RTKN
Synonyms	RTKN; rhotekin;
Entrez Gene ID	6242
Protein Refseq	NP_001015055
UniProt ID	Q9BST9
Chromosome Location	2p13.1
Pathway	Alpha6-Beta4 Integrin Signaling Pathway.
Function	GTP binding; GTP-Rho binding; GTPase inhibitor activity; protein binding