



Anti-BRSK1 (aa 289-380) polyclonal antibody (DPAB-DC3480)

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

PRODUCT INFORMATION

Antigen Description	BRSK1 (BR serine/threonine kinase 1) is a protein-coding gene. Diseases associated with BRSK1 include peutz-jeghers syndrome, and premature ovarian failure, and among its related super-pathways are DNA Damage. GO annotations related to this gene include protein serine/threonine kinase activity and magnesium ion binding. An important paralog of this gene is STK40.
Immunogen	BRSK1 (NP_115806, 289 a.a. ~ 380 a.a) partial recombinant protein with GST tag. The sequence is KHEPDPCLEPAPGRRVAMRSLPSNGELDPDVLESMASLGCFDRERLHREL RSEEENQEK MIYYLLDRKERYPSCEDQDLPPRNDVDPPRK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	BRSK1 BR serine/threonine kinase 1 [Homo sapiens (human)]
Official Symbol	BRSK1
Synonyms	BRSK1; BR serine/threonine kinase 1; hSAD1; serine/threonine-protein kinase BRSK1; SAD1 kinase; SAD1 homolog; protein kinase SAD1A; brain-selective kinase 1; SadB kinase short isoform; BR serine/threonine-protein kinase 1; serine/threonine-protein kinase SAD-B; synapses of Amphids Defective homolog 1; brain-specific serine/threonine-protein kinase 1;
Entrez Gene ID	84446
Protein Refseq	NP_115806
UniProt ID	Q8TDC3
Chromosome Location	19q13.4
Pathway	LKB1 signaling events.
Function	ATP binding; gamma-tubulin binding; magnesium ion binding; protein kinase binding