

兔抗 BRSK1 多克隆抗体

中文名称：兔抗 BRSK1 多克隆抗体

英文名称：Anti-BRSK1 rabbit polyclonal antibody

别名：BR serine/threonine kinase 1; hSAD1

相关类别：一抗

储存：冷冻（-20℃）

抗原：BRSK1

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

The phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions in eukaryotes, including cell division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the serine/threonine (Ser/Thr) protein kinases. BRSK1 (BR serine/threonine-protein kinase 1), also known as SAD1, is a 794 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one UBA domain and one protein kinase domain. Expressed in a variety of tissues with highest expression in testis and brain, BRSK1 uses magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of target proteins, including Wee 1 and Cdc25B. Via its

	kinase activity toward proteins that are involved in microtubule assembly, BRSK1 plays an essential role in neuronal polarization and may be involved in regulating cell cycle arrest in response to DNA damage, Two isoforms of BRSK1 exist due to alternative splicing events.
Applications:	ELISA, IHC
Name of antibody:	BRSK1
Immunogen:	Fusion protein of human BRSK1
Full name:	BR serine/threonine kinase 1
Synonyms:	hSAD1
SwissProt:	Q8TDC3
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human esophagus cancer and human ovarian cancer
IHC Recommend dilution:	50-300



