

Catalog Number	A15118
Synonyms	KSR; RSU2; KSR1
Reactivity	Human,Mouse,Rat
Tested applications	ELISA,WB,IF/ICC
Host species	Rabbit
Background	Enables 14-3-3 protein binding activity; ATP binding activity; and protein C-terminus binding activity. Involved in positive regulation of MAPK cascade. Located in endoplasmic reticulum and membrane. Part of protein-containing complex. Implicated in breast adenocarcinoma. Biomarker of breast cancer.
Gene Id	8844
Isotype	IgG
Purity	Affinity purification
Swiss Prot	Q8IVT5
Recommended dilution	WB,1:500 - 1:2000 IF/ICC,1:50 - 1:100
CALCULATED MW	102kDa
OBSERVED MW	110kDa
IMMUNOGEN	Recombinant fusion protein containing a sequence corresponding to amino acids 320-420 of human KSR1 (NP_055053.1).
POSITIVE SAMPLES	U-251MG,HeLa,Jurkat,mouse brain,mouse spleen,mouse testis,mouse kidney,mouse lung,rat brain
CELLULAR LOCALIZATION	Cytoplasm,Endoplasmic reticulum membrane,Membrane,Peripheral membrane protein,
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DIAGNOSTIC APPLICATIONS. READ THROUGH ALL PROCEDURES BEFORE USE.