Anti-KSR1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P102428

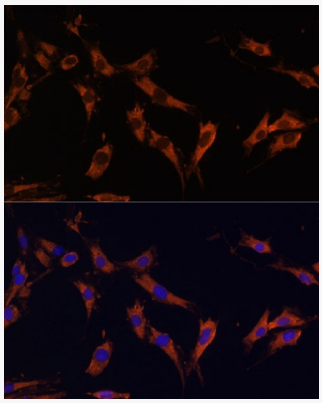
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IF 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 320-420 of human KSR1 (NP_055053.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-KSR1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

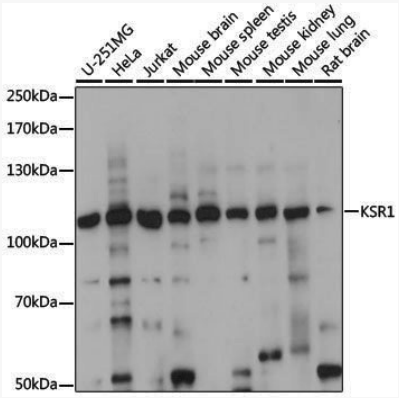
Protein Information

Synonyms	KSR; RSU2; KSR1.
Calculated MW	Calculated MW: 102 kDa; Observed MW: 110 kDa
Uniprot ID	Q8IVT5
Gene ID	8844
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.

Validation Images



Immunofluorescence analysis of C6 cells using KSR1 Rabbit pAb (P102428) at dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using KSR1 Rabbit pAb (P102428) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 10s.