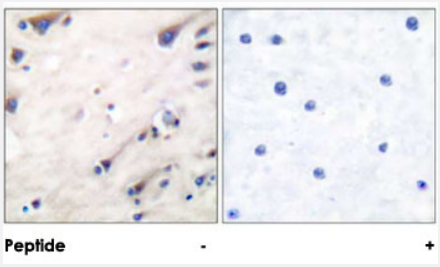
KSR1 polyclonal antibody

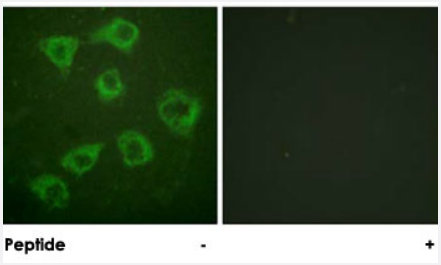
Catalog # PAB18125 Size 100 ug

Applications



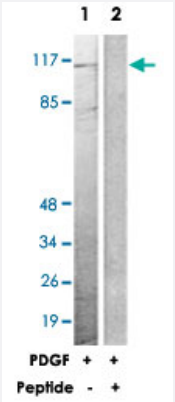
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using KSR1 polyclonal antibody (Cat # PAB18125).
Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HUVEC cells, using KSR1 polyclonal antibody (Cat # PAB18125).
Peptide "+" means "peptide blocking".



Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells treated with PDGF (50 ng/mL, 20 min), using KSR1 polyclonal antibody (Cat # PAB18125).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KSR1.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Immunogen	A synthetic peptide corresponding to human KSR1.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to KSR1.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human brain tissue using KSR1 polyclonal antibody (Cat # PAB18125).
  Peptide "+" means "peptide blocking".

- Immunofluorescence

  Immunofluorescence analysis of HUVEC cells, using KSR1 polyclonal antibody (Cat # PAB18125).
  Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of extracts from NIH/3T3 cells treated with PDGF (50 ng/mL, 20 min), using KSR1 polyclonal antibody (Cat # PAB18125).
  Peptide "+" means "peptide blocking".

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — KSR1

Entrez GeneID	8844
Protein Accession#	Q8IVT5
Gene Name	KSR1
Gene Alias	KSR, RSU2
Gene Description	kinase suppressor of ras 1
Omim ID	601132
Gene Ontology	Hyperlink
Other Designations	kinase suppressor of ras

Publication Reference

- KSR is a scaffold required for activation of the ERK/MAPK module.

  Roy F, Laberge G, Douziech M, Ferland-McCollough D, Therrien M.

  Genes & Development 2002 Feb; 16(4):427.

  Application: WB-Tr, Drosophila, S2 cells

- KSR: a MAPK scaffold of the Ras pathway?

  Morrison DK.

  Journal of Cell Science 2001 May; 114(Pt 9):1609.

  Application: WB, Human, Mammalican cells

Disease

- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.