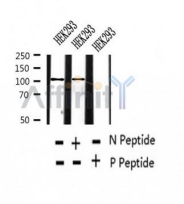
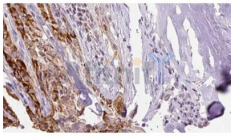
Phospho-KSR1 (Ser392/406) Ab

Cat.#: AF2358	Concn.: 1mg/ml	Mol.Wt.: 115kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human,Mouse
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-KSR1 (Ser392/406) Ab detects endogenous levels of KSR1.
Immunogen:	A synthesized peptide derived from human KSR1 around the phosphorylation site of Ser392/406.
Uniprot:	Q8IVT5
Subcellular Location:	Endoplasmic reticulum;Plasma membrane;
Similarity:	The protein kinase domain is predicted to be catalytically inactive. The domain is sufficient for KSR1 and KSR1-mediated MAP2K1 and MAP2K2 membrane localization. The domain is required but not sufficient for MAP kinase-mediated inhibition of ELK1 phosphorylation (PubMed:10409742).The protein kinase domain is predicted to be catalytically inactive. The domain is sufficient for KSR1 and KSR1-mediated MAP2K1 and MAP2K2 membrane localization. The domain is required but not sufficient for MAP kinase-mediated inhibition of ELK1 phosphorylation.The N-terminal region mediates interaction with BRAF and with membranes.Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extracts of HEK293 cells, using Phospho-KSR1 (Ser392/406) Ab.



AF2358 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.