



A-Raf Polyclonal Antibody

Catalog No	YP-Ab-14664
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	ARAF
Immunogen	The antiserum was produced against synthesized peptide derived from human A-RAF. AA range:276-325
Specificity	A-Raf Polyclonal Antibody detects endogenous levels of A-Raf protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	A-Raf;ARAF;Serine/threonine-protein kinase A-Raf;ARAF1;PKS;PKS2;Proto-oncogene A-Raf;Proto-oncogene A-Raf-1;Proto-oncogene Pks
Observed Band	68kD
Calculated Molecular Weight	68kD
Cell Pathway	intracellular,mitochondrion,cytosol,
Tissue Specificity	Predominantly in urogenital tissues.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Binds 2 zinc ions per subunit.,function:Involved in the transduction of mitogenic signals from the cell membrane to the nucleus.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. RAF subfamily.,similarity:Contains 1 phorbol-ester/DAG-type zinc finger.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 RBD (Ras-binding) domain.,subunit:Interacts with TH1L/NELFD.,tissue specificity:Predominantly in urogenital tissues.,



Background

This proto-oncogene belongs to the RAF subfamily of the Ser/Thr protein kinase family, and maybe involved in cell growth and development. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2012],

matters needing attention

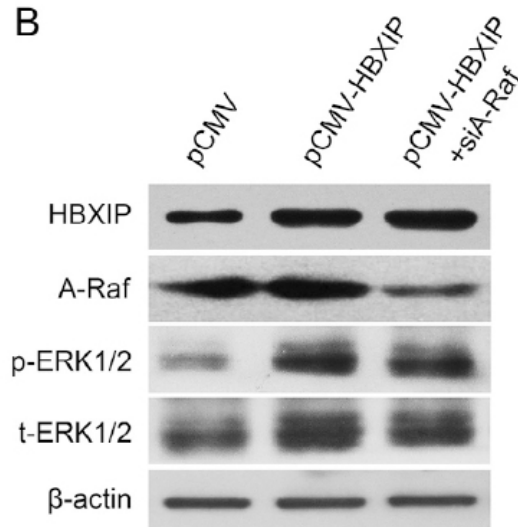
Avoid repeated freezing and thawing!

Usage suggestions

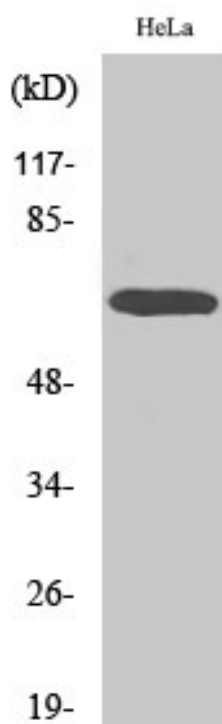
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

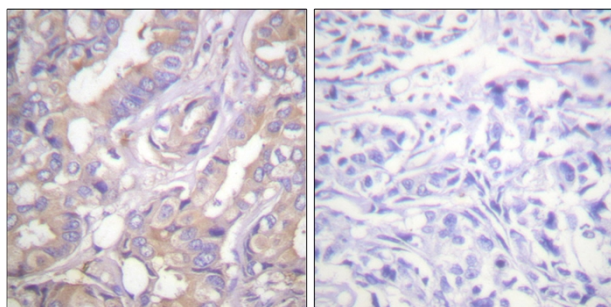
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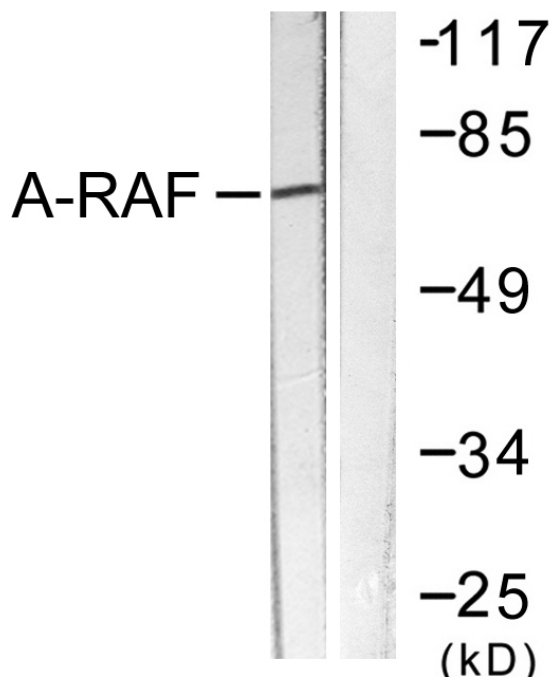
Western blot analysis in MCF-7 cells transfected with siA-Raf. Cancer Letters 355 (2014) 288–296



Western Blot analysis of various cells using A-Raf Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using A-RAF Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, treated with PMA 125ng/ml 30', using A-RAF Antibody. The lane on the right is blocked with the synthesized peptide.