

A-Raf Rabbit pAb

CatalogNo: YT0303 Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 68kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****ELISA 1:20000****IF 1:50-200**

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

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.

Target Information

Gene name ARAF
Protein Name Serine/threonine-protein kinase A-Raf

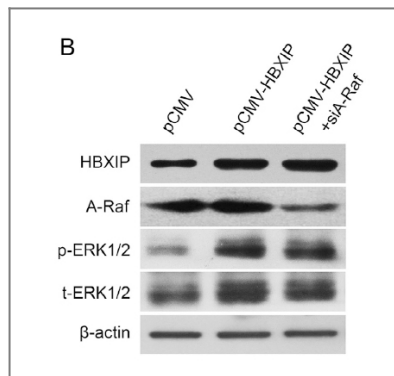
Organism	Gene ID	UniProt ID
Human	369 ;	P10398 ;
Mouse	11836 ;	P04627 ;
Rat	64363 ;	P14056 ;

Cellular Localization intracellular,mitochondrion,cytosol,

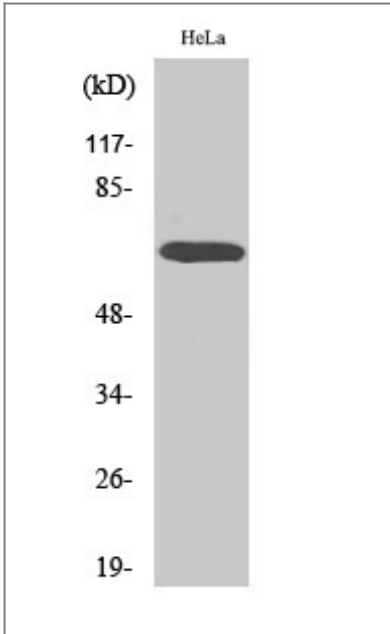
Tissue specificity Predominantly in urogenital tissues.

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.,

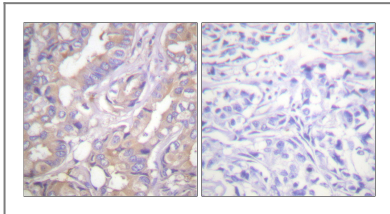
Validation Data



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.

Contact information

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A-Raf Rabbit pAb

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