

## HSP A9 Polyclonal Antibody

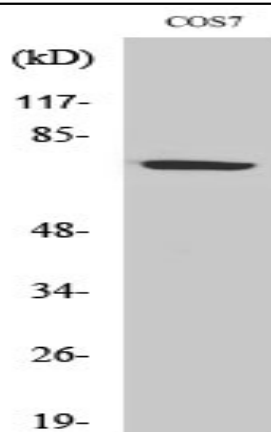
<b>Catalog No :</b>	YT2246
<b>Reactivity :</b>	Human;Mouse;Rat;Monkey
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	HSP A9
<b>Fields :</b>	>>RNA degradation;>>Tuberculosis
<b>Gene Name :</b>	HSPA9
<b>Protein Name :</b>	Stress-70 protein mitochondrial
<b>Human Gene Id :</b>	3313
<b>Human Swiss Prot No :</b>	P38646/Q8N1C8
<b>Mouse Gene Id :</b>	15526
<b>Rat Gene Id :</b>	291671
<b>Rat Swiss Prot No :</b>	P48721
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human GRP75. AA range:630-679
<b>Specificity :</b>	HSP A9 Polyclonal Antibody detects endogenous levels of HSP A9 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

---

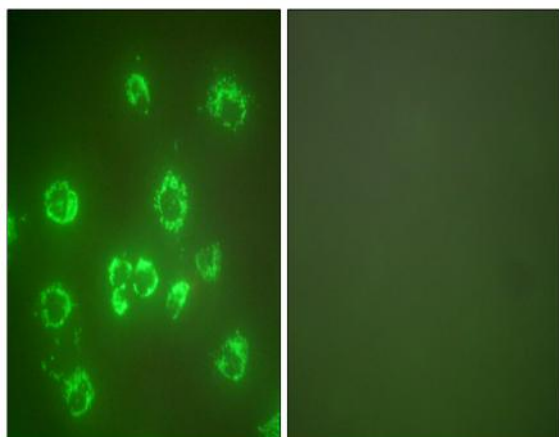
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	75kD
<b>Cell Pathway :</b>	RNA degradation;
<b>Background :</b>	This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.[provided by RefSeq, May 2010],
<b>Function :</b>	function:Implicated in the control of cell proliferation and cellular aging. May also act as a chaperone.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the heat shock protein 70 family.,subunit:Interacts with FXN.,
<b>Subcellular Location :</b>	Mitochondrion . Nucleus, nucleolus .
<b>Expression :</b>	B-cell,Brain,Cajal-Retzius cell,Colon carcinoma,Fetal brain
<b>Sort :</b>	7883
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

---

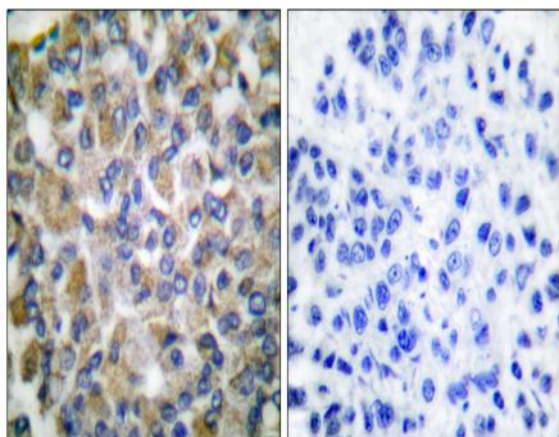
## Products Images



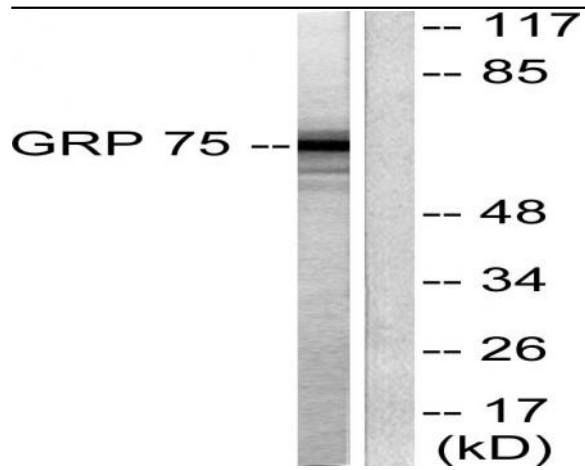
Western Blot analysis of COS7 cells using HSP A9 Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of COS7 cells, using GRP75 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using GRP75 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using GRP75 Antibody. The lane on the right is blocked with the synthesized peptide.