

Product Datasheet

Phospho-beta Actin (Tyr53) Rabbit Polyclonal Antibody (orb506128)

Catalog Number	orb506128
Description	Phospho-beta Actin (Tyr53) Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human beta Actin around the phosphorylation site of Tyr53 DS(p-Y)VG
Target	ACTB
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	42 kDa

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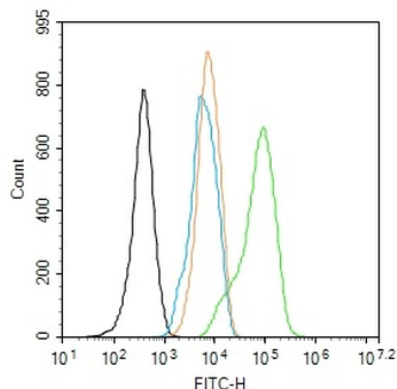
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Uniprot ID**P60709****Dilution Range**

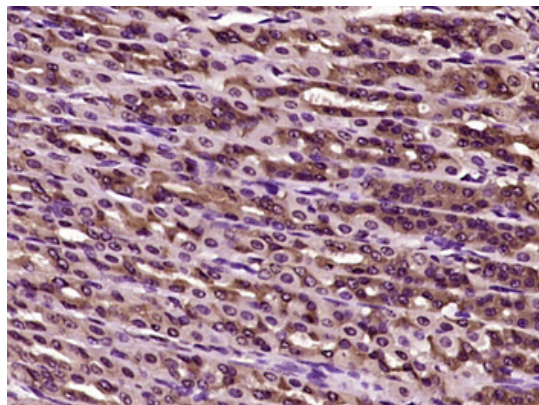
WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test

Expiration Date

12 months from date of receipt.



Blank control: NIH/3T3. Primary Antibody (green line): Rabbit Anti-phospho-beta Actin (Tyr53) antibody (orb506128), dilution: 1 μ g/ 10^6 cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488, dilution: 1 μ g/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



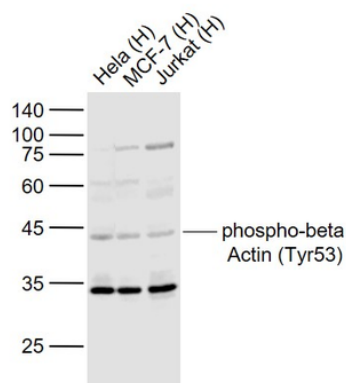
Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (beta Actin (Tyr53)) Polyclonal Antibody, Unconjugated (orb506128) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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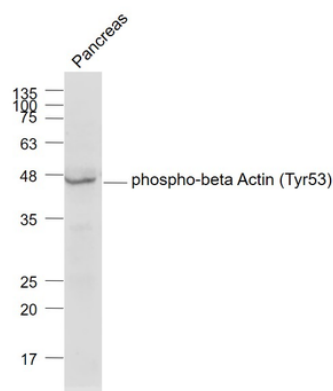
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Sample: Lane 1: HeLa (Human) Cell Lysate at 30 ug, Lane 2: MCF-7 (Human) Cell Lysate at 30 ug, Lane 3: Jurkat (Human) Cell Lysate at 30 ug, Primary: Anti-phospho-beta Actin (Tyr53) (orb506128) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 42 kD, Observed band size: 42 kD.



Sample: Pancreas (Mouse) Lysate at 40 ug, Primary: Anti-phospho-beta Actin (Tyr53) (orb506128) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 42 kD, Observed band size: 42 kD.

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