

Product Datasheet

Phospho-PPAR Gamma (Ser112) Rabbit Polyclonal Antibody (orb99282)

Catalog Number	orb99282
Category	Antibodies
Description	Phospho-PPAR Gamma (Ser112) Rabbit Polyclonal Antibody
Target	PPARG
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Canine, Guinea pig, Porcine, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthesised phosphopeptide derived from human PPAR Gamma around the phosphorylation site of ser112 PA(p-S)PP
UniProt ID	P37231

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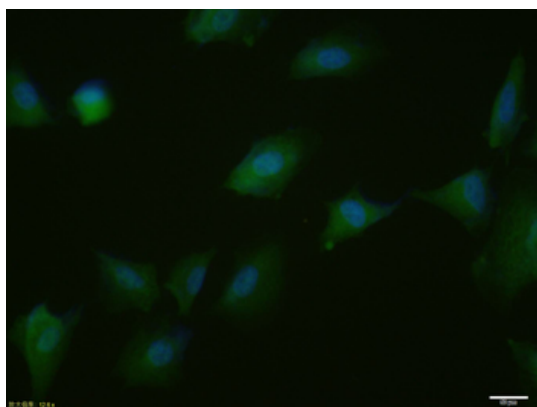
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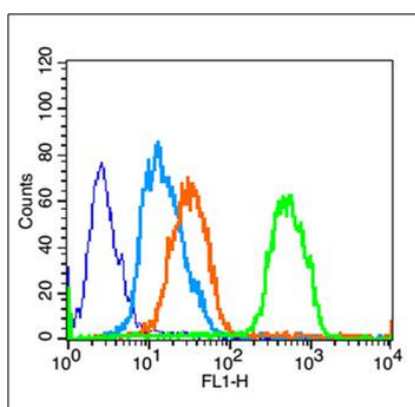
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MW	57 kDa
Tested applications	ELISA, FC, ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, Flow-Cyt=1 μ g /Test, ELISA=1:5000-10000
Antibody Type	Primary Antibody
Storage	Maintain 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
Expiration Date	12 months from date of receipt.



A549 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (Phospho-PPAR Gamma (Ser112)) polyclonal Antibody, Unconjugated (orb99282) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Blank control (blue line): U251 (fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti-ho-PPAR Gamma (ser112) antibody (orb99282), dilution: 1 μ g/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, dilution: 1 μ g/Test.

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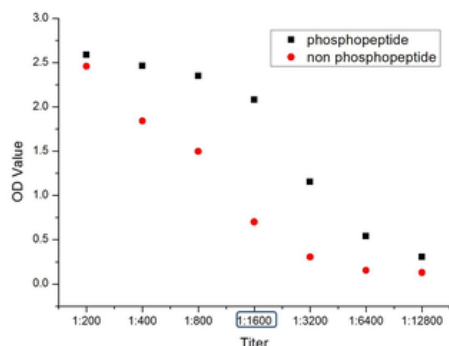
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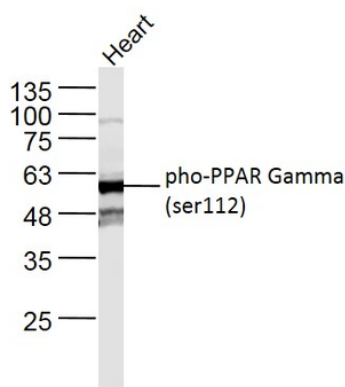
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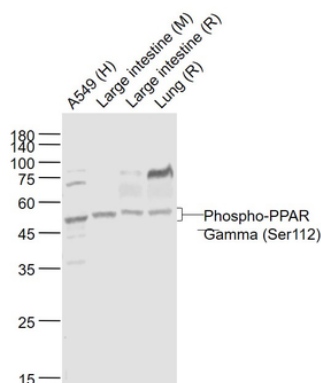
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phosphopeptide, non phosphopeptide.



Sample: Heart (Mouse) Lysate at 30 ug, Primary: Anti-Phospho-PPAR Gamma (ser112) (orb99282) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 57 kD, Observed band size: 57 kD.



Sample: Lane 1: A549 (Human) Cell Lysate at 30 ug, Lane 2: Large intestine (Mouse) Lysate at 40 ug, Lane 3: Large intestine (Rat) Lysate at 40 ug, Lane 4: Lung (Rat) Lysate at 40 ug, Primary: Anti-Phospho-PPAR Gamma (Ser112) (orb99282) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 51 kD, Observed band size: 51 kD.

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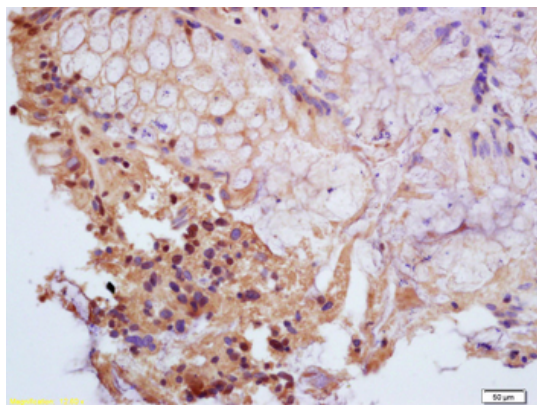
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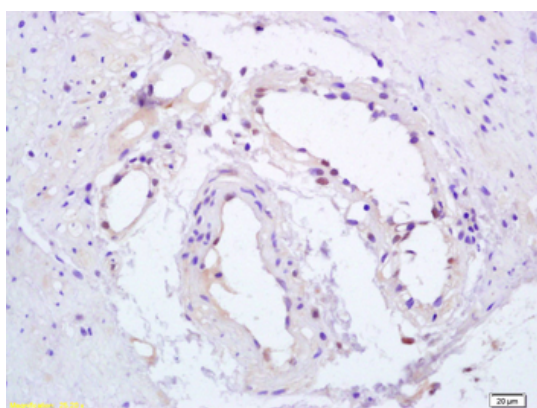
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Tissue/Cell: human colon carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Phospho-PPAR Gamma (ser112) Polyclonal Antibody, Unconjugated (orb99282) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: human gastric carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Phospho-PPAR Gamma (ser112) Polyclonal Antibody, Unconjugated (orb99282) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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