

## Product Datasheet

# Phospho-TIRAP (Tyr86) Rabbit Polyclonal Antibody (orb100399)

<b>Catalog Number</b>	orb100399
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-TIRAP (Tyr86) Rabbit Polyclonal Antibody
<b>Target</b>	TIRAP
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Guinea pig, Mouse, Porcine
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated Synthesised phosphopeptide derived from human TIRAP around the acetylation site of Tyr86 KD(p-Y)DV
<b>UniProt ID</b>	<b>P58753</b>

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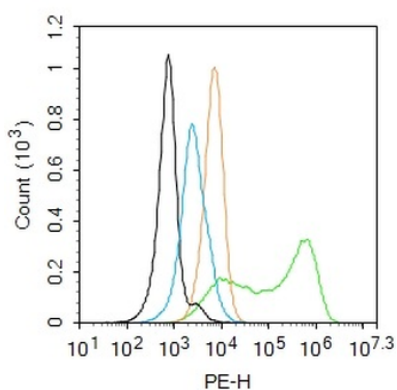
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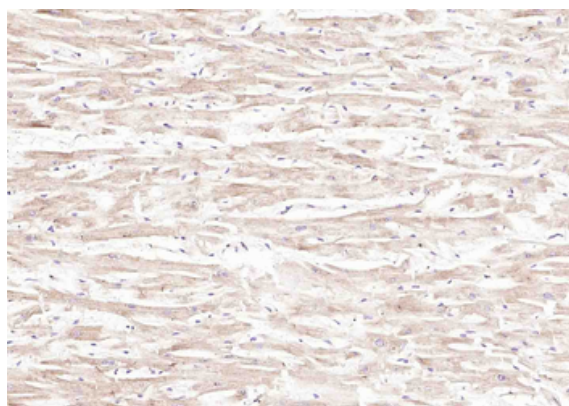
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<b>MW</b>	24 kDa
<b>Tested applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=2ug/Test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated 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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control: U937. Primary Antibody (green line): Rabbit Anti-phospho-TIRAP (Tyr86) antibody (orb100399), Dilution: 2  $\mu\text{g}/10^6$  cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, Dilution: 1  $\mu\text{g}/\text{test}$ . Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. 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 (human heart), 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, Incubation with (phospho-TIRAP (Tyr86)) Polyclonal Antibody, Unconjugated (orb100399) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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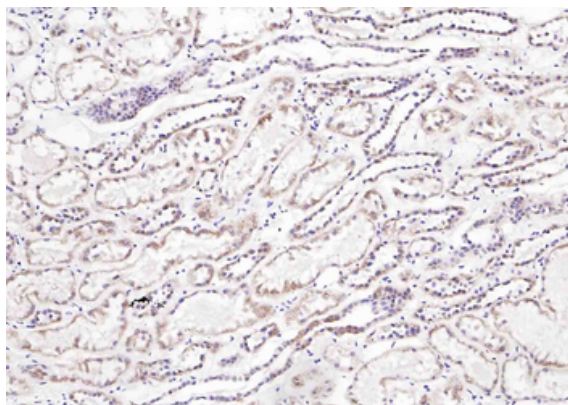
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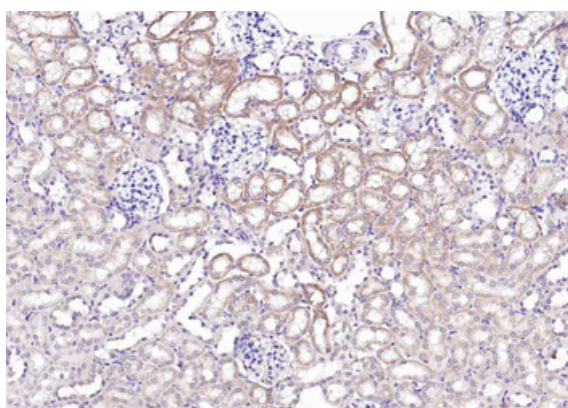
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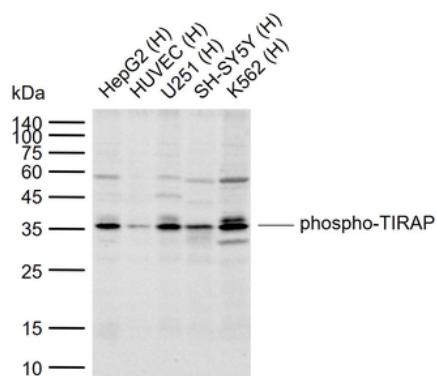
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Paraformaldehyde-fixed, paraffin embedded (human kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (phospho-TIRAP (Tyr86)) Polyclonal Antibody, Unconjugated (orb100399) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney), 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, Incubation with (phospho-TIRAP (Tyr86)) Polyclonal Antibody, Unconjugated (orb100399) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Human HepG2 cell lysates, Lane 2: Human HUVEC cell lysates, Lane 3: Human U251 cell lysates, Lane 4: Human SH-SY5Y cell lysates, Lane 5: Human K562 cell lysates, Primary: Anti-phospho-TIRAP (Tyr86) (orb100399) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 24 kDa, Observed band size: 35 kDa.

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