

TIM-1 Antibody

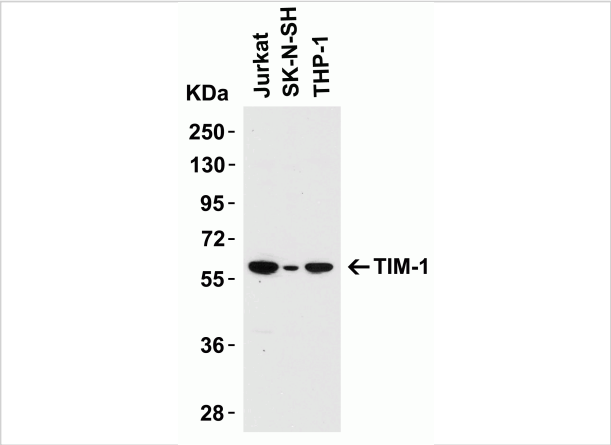
CATALOG NUMBER: 3811

Specifications

Host Species	Rabbit
Species Reactivity	Human
Homology	Predicted species reactivity based on immunogen sequence: Mouse: (50%), Rat: (43.7%)
Immunogen	Anti-TIM-1 antibody (3811) was raised against a peptide corresponding to 16 amino acids near the center terminus of human TIM-1. The immunogen is located within amino acids 230 - 280 of TIM-1.
Conjugate	Unconjugated
Tested Applications	ELISA, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Predicted Molecular Weight	Predicted: 44kD Observed: 60kD (Post-modification: 4 N-linked glycosylation)

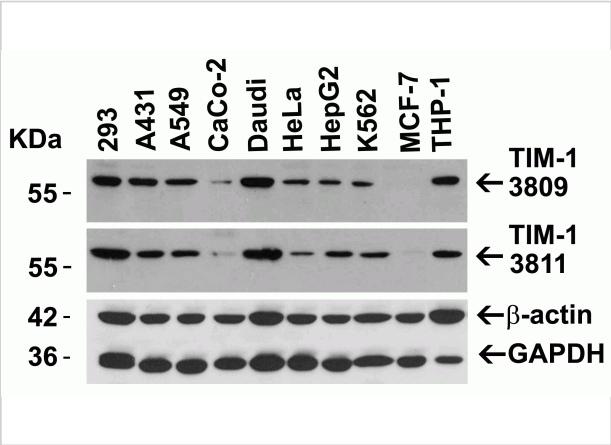
Properties

Purification	TIM-1 Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	TIM-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	TIM-1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



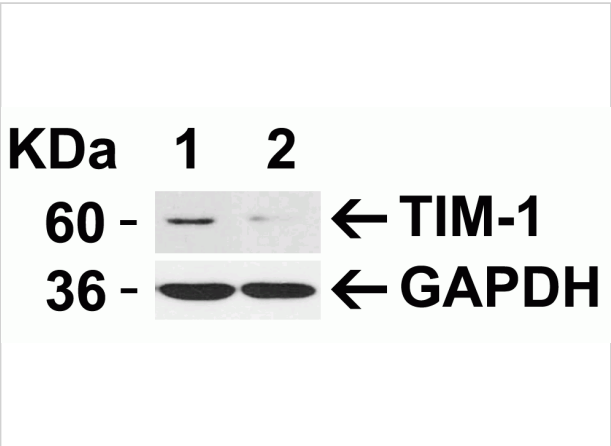
TIM-1 Antibody 1

Figure 1 Western Blot Validation in Human Cell Lines
 Loading: 15 µg of lysates per lane. Antibodies: TIM-1 3811 (1 µg/mL), 1 h incubation at RT in 5% NFD/MTBST. Secondary: Goat anti-mouse IgG (1 µg/mL). TIM-1 3811 (1 µg/mL) was used for Western blot validation in Jurkat, SK-N-SH, and THP-1 cell lines.



TIM-1 Antibody 2

Figure 2 Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines
 Loading: 15 µg of lysates per lane. Antibodies: TIM-1 3809 (8 µg/mL), TIM-1 3811 (1 µg/mL). TIM-1 3809 (8 µg/mL) and TIM-1 3811 (1 µg/mL) were used for Western blot validation in 293, A431, A549, CaCo-2, Daudi, HeLa, HepG2, K562, MCF-7, and THP-1 cell lines.



TIM-1 Antibody 3

Figure 3 Validation with TIM-1 siRNA Knockdown in HeLa Cells
 HeLa cells were transfected with control siRNAs (lane 1) or TIM-1 siRNAs (lane 2). Loading: 15 µg of HeLa whole cell lysates per lane. TIM-1 3811 (1 µg/mL) was used for Western blot validation in HeLa cells.

Disclaimer

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