

DATASHEET

TIM4 Rabbit Polyclonal Antibody

CAT. NO. APA17110

KEY FEATURES

Target	TIM4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Phosphatidylserine receptor that plays different role in immune response including phagocytosis of apoptotic cells and T-cell regulation. Controls T-cell activation in a bimodal fashion, decreasing the activation of naïve T-cells by inducing cell cycle arrest, while increasing proliferation of activated T-cells by activating AKT1 and ERK1/2 phosphorylations and subsequent signaling pathways . Also plays a role in efferocytosis which is the process by which apoptotic cells are removed by phagocytic cells .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

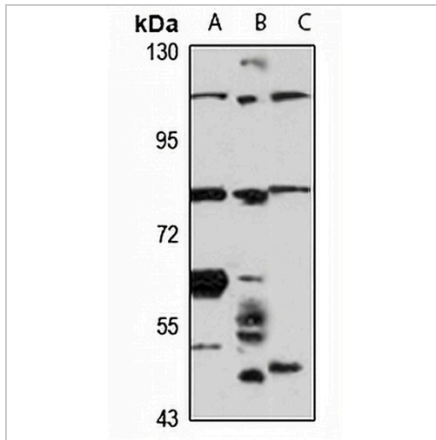
Description	Rabbit polyclonal antibody to TIM4
Specificity	Recognizes endogenous levels of TIM4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TIM4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 41 kD; Observed: 110 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	TIM4; T-cell immunoglobulin and mucin domain-containing protein 4; TIMD-4; T-cell immunoglobulin mucin receptor 4; TIM-4; T-cell membrane protein 4
Gene Symbol	TIMD4
Entrez Gene	91937(Human); 276891(Mouse)
SwissProt	Q96H15(Human); Q6U7R4(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TIM4 expression in U87MG (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 110 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.