

DATASHEET

Tapasin Rabbit Polyclonal Antibody

CAT. NO. APA13730

KEY FEATURES

Target	Tapasin	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IF/ICC	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

Involved in the association of MHC class I with transporter associated with antigen processing (TAP) and in the assembly of MHC class I with peptide (peptide loading).

APPLICATION

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

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

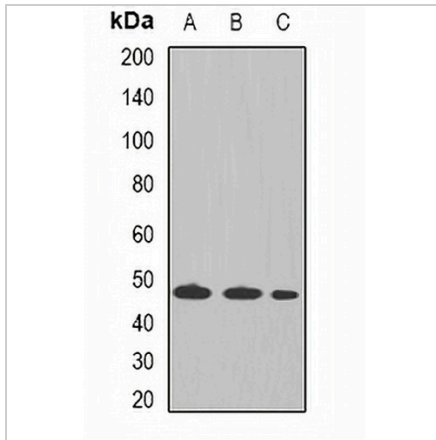
Description	Rabbit polyclonal antibody to Tapasin
Specificity	Recognizes endogenous levels of Tapasin protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Tapasin
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 47 kD; Observed: 47 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	NGS17; TAPA; Tapasin; TPN; TPSN; NGS-17; TAP-associated protein; TAP-binding protein
Gene Symbol	TAPBP
Entrez Gene	6892(Human); 21356(Mouse)
SwissProt	O15533(Human); Q9R233(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.

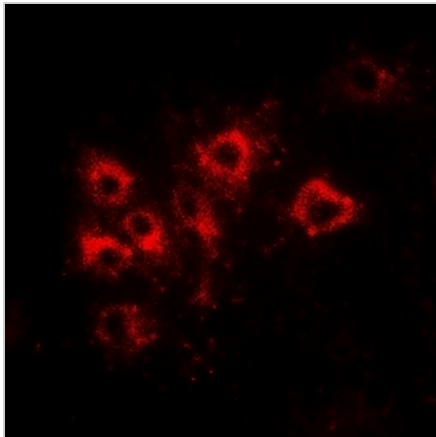
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Tapasin expression in THP1 (A), Raji (B), mouse liver (C) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 47 kD)



Immunofluorescent analysis of Tapasin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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.