

Product datasheet for **TA424523**

ATE1 Rabbit Monoclonal Antibody [Clone ID: 24GB4720]

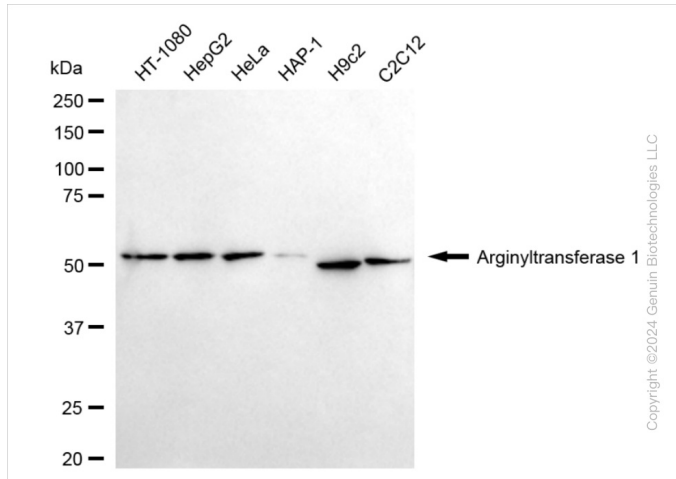
Product data:

Product Type:	Primary Antibodies
Clone Name:	24GB4720
Applications:	FC, ICC, WB
Recommended Dilution:	Western Blotting (WB): 1:1,000-1:5,000, Flow Cytometry (FCM): 1:2,000, Immunocytochemistry (IC): 1:100-1:1,000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human ATE1
Formulation:	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Concentration:	Lot dependent
Purification:	Affinity Purified
Conjugation:	Unconjugated
Stability:	Store at -20 °C for one year.
Database Link:	Q95260
Synonyms:	Arginine-TRNA--Protein Transferase 1; Arginyl-TRNA--Protein Transferase 1; Arginyl-TRNA-Protein Transferase; Arginyltransferase 1; ATE1; EC 2.3.2.8; R-Transferase 1

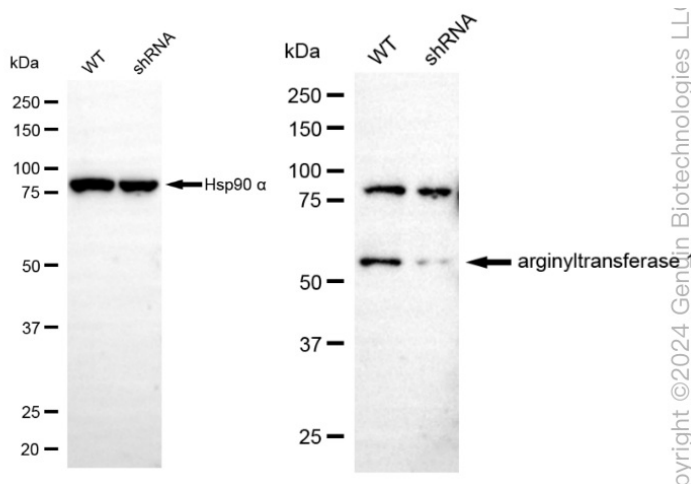


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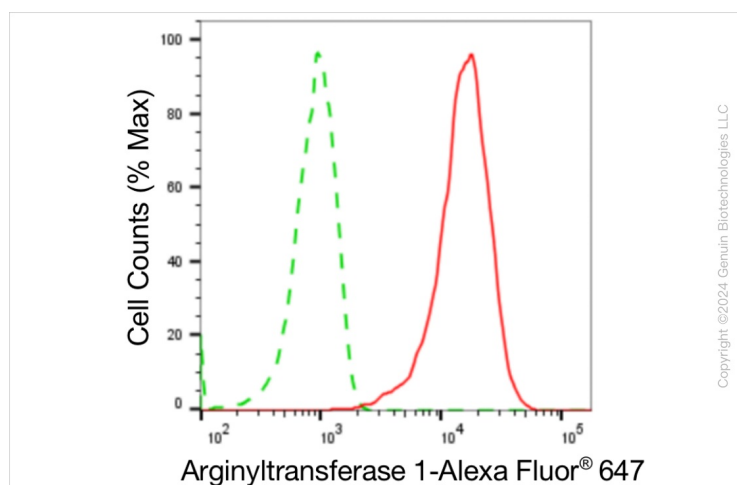
Product images:



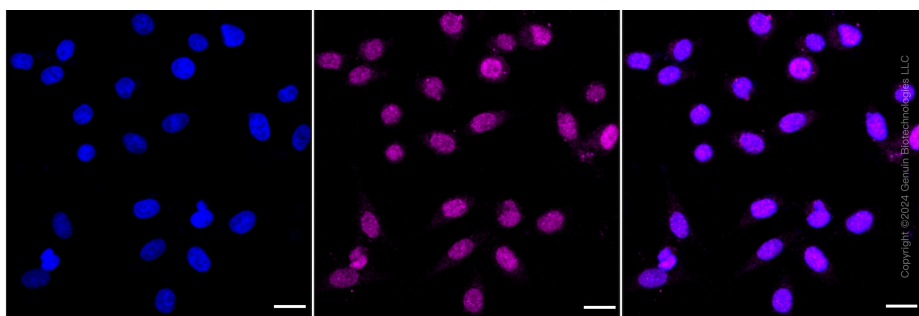
Western blotting analysis using anti-arginyltransferase 1 antibody. Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-arginyltransferase 1 antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-NaQ™ ECL Substrate Kit.



Western blotting analysis using anti-arginyltransferase 1 antibody. Arginyltransferase 1 expression in wild type (WT) and arginyltransferase 1 (ATE1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-arginyltransferase 1 antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-NaQ™ ECL Substrate Kit.



Flow cytometric analysis of Arginyltransferase 1 expression in HepG2 cells using anti-Arginyltransferase 1 antibody . Green, isotype control; red, Arginyltransferase 1.



Immunocytochemical staining of HepG2 cells with anti-arginyltransferase 1 antibody . Nuclei were stained blue with DAPI; Arginyltransferase 1 was stained magenta with Alexa Fluor® 647. Images were taken using anti-Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μ m.