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Anti-AARSD1 Antibody

Catalog # AP59877

Product Information

Application	WB, IHC
Primary Accession	Q9BTE6
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45480

Additional Information

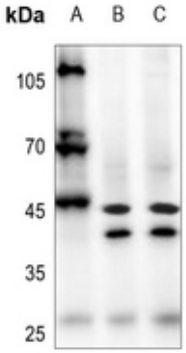
Gene ID	80755
Other Names	Alanyl-tRNA editing protein Aarsd1; Alanyl-tRNA synthetase domain-containing protein 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AARSD1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

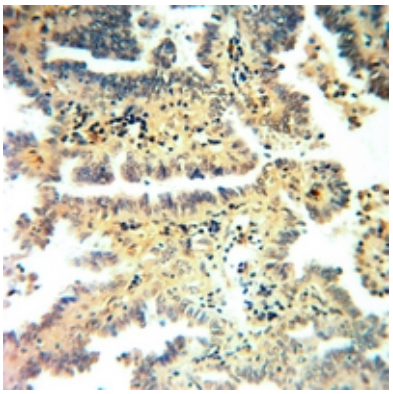
Protein Information

Name	AARSD1
Function	Functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala).
Cellular Location	Cytoplasm.

Images

Western blot analysis of AARSD1 expression in Jurkat (A), 3T3L1 (B), PMVEC (C) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 45; 65 kD)





Immunohistochemical analysis of AARSD1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.