

IARS Rabbit pAb

Catalog No.: A10190 **1 Publications**

Basic Information

Observed MW

144kDa

Calculated MW

144kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Isoleucine-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family and has been identified as a target of autoantibodies in the autoimmune disease polymyositis/dermatomyositis. Alternatively spliced transcript variants have been found.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3376

Swiss Prot

P41252

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1158-1262 of human IARS (NP_002152.2).

Synonyms

IRS; IARS; ILRS; ILERS; GRIDHH; PRO0785

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

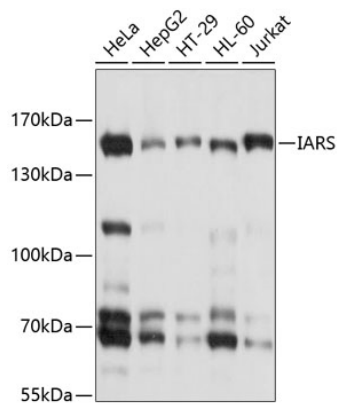
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using IARS antibody (A10190) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.