

## CAB15861

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**Product Information**

<b>Product SKU:</b>	CAB15861	<b>Gene ID:</b>	55699	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	113kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	114kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**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. Two forms of isoleucine-tRNA synthetase exist, a cytoplasmic form and a mitochondrial form. This gene encodes the mitochondrial isoleucine-tRNA synthetase which belongs to the class-I aminoacyl-tRNA synthetase family.

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** ILERS; CAGSSS; IARS2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 663-1012 of human IARS2 (NP\_060530.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.