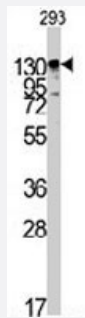


IARS2 polyclonal antibody

Catalog # PAB3525

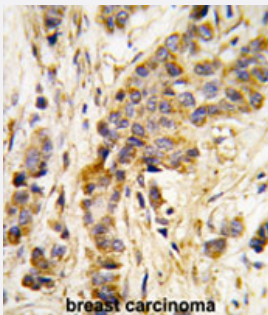
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of IARS2 polyclonal antibody (Cat # PAB3525) in 293 cell line lysates (35 ug/lane). IARS2 (arrow) was detected using the purified polyclonal antibody (1:1000 dilution).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human breast carcinoma reacted with IARS2 polyclonal antibody (Cat # PAB3525), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.

This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IARS2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human IARS2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10-50) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — IARS2

Entrez GeneID	55699
Protein Accession#	NP_060530;Q9NSE4
Gene Name	IARS2
Gene Alias	FLJ10326
Gene Description	isoleucyl-tRNA synthetase 2, mitochondrial
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	isoleucine tRNA ligase 2, mitochondrial isoleucine-tRNA synthetase 2, mitochondrial mitochondrial isoleucine tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Valine](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)