

ARG55125 anti-Lactate Dehydrogenase B antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Lactate Dehydrogenase B
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Lactate Dehydrogenase B
Species	Human
Immunogen	Recombinant protein of Human LDHB (Swiss: P07195)
Conjugation	Un-conjugated
Alternate Names	Renal carcinoma antigen NY-REN-46; LDH heart subunit; TRG-5; LDHBD; LDH-H; EC 1.1.1.27; LDH-B; HEL-S-281; L-lactate dehydrogenase B chain

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

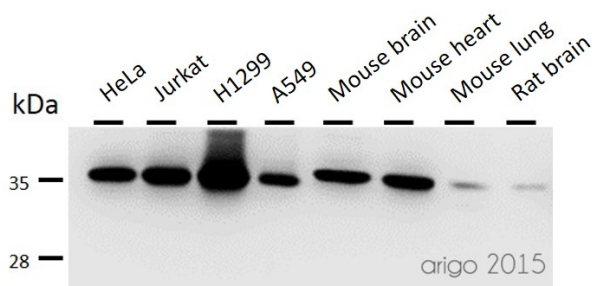
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	LDHB
Gene Full Name	lactate dehydrogenase B
Background	This gene encodes an enzyme which catalyzes the reversible conversion of lactate and pyruvate, and NAD and NADH, in the glycolytic pathway. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on the X chromosome and on chromosome. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Mar 2010]
Function Highlight	Catalytic activity: (S)-lactate + NAD ⁺ = pyruvate + NADH. [UniProt] Related Antibody Duos and Panels: ARG30261 Lactate dehydrogenase Antibody Duo (LDHA,LDHB) Related products: Lactate Dehydrogenase antibodies ; Lactate Dehydrogenase ELISA Kits ; Lactate Dehydrogenase Duos / Panels ; Anti-Rabbit IgG secondary antibodies ; Related news: A non-autophagic role of Atg9a in necrosis and developmental bone formation
Research Area	Cancer antibody; Metabolism antibody; Signaling Transduction antibody; Lactate dehydrogenase antibody; Warburg Effect signaling pathway antibody
Calculated Mw	37 kDa

Images



ARG55125 anti-Lactate Dehydrogenase B antibody WB image

Western blot: 30 µg of HeLa, Jurkat, H1299, A549, Mouse brain, Mouse heart, Mouse lung and Rat brain lysates stained with ARG55125 anti-Lactate Dehydrogenase B antibody at 1:500 dilution.