

CAB5131

Product Information

Product SKU:	CAB5131	Gene ID:	3945	Size:	20uL, 100uL
Clone No:	ARC1217	Host Species:	Rabbit	Reactivity:	Human,Rat

Additional Information

Observed MW:	36kDa	Conjugate:	Unconjugated
Calculated MW:	37kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes the B subunit of lactate dehydrogenase enzyme, which catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD ⁺ in a post-glycolysis process. Alternatively spliced transcript variants have been found for this gene. Recent studies have shown that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is localized in the peroxisomes. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on chromosomes X, 5 and 13.
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Synonyms:	LDH-B; LDH-H; LDHBD; TRG-5; HEL-S-281; LDHB
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human LDHB (P07195).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.