

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TA311223

### **IDH2 Goat Polyclonal Antibody**

### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.1-0.3ug/ml
Reactivity:	Human, Mouse, Rat (Expected from sequence similarity: Dog, Cow, Pig)
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence CIHGLSNVKLNE, from the internal region of the protein sequence according to NP_002159.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.Aliquot and store at -20C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	isocitrate dehydrogenase (NADP(+)) 2, mitochondrial
Database Link:	<u>NP_002159</u> Entrez Gene 269951 MouseEntrez Gene 361596 RatEntrez Gene 479043 DogEntrez Gene 3418 Human P48735
Synonyms:	D2HGA2; ICD-M; IDH; IDHM; IDP; IDPM; mNADP-IDH
Protein Pathways:	Citrate cycle (TCA cycle), Glutathione metabolism, Metabolic pathways



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## **Product images:**

	250kDa 150kDa 100kDa 75kDa	
_	50kDa	
	37kDa	
		(0.1ug/ml) staining of Human Heart lysate (35ug
	25kDa	protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.
	20kDa	
	15kDa	

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