

Product Datasheet

IDH3G Antibody (orb1249287)

Catalog Number	orb1249287
Category	Antibodies
Description	IDH3G Antibody
Target	IDH3G
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human, Porcine, Rat
Predicted Reactivity	Bovine, Canine, Mouse
Form/Appearance	Liquid
Concentration	500 ug/mL
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Immunogen	The immunogen for this antibody is: C-DHLKLHSYATSIRK
UniProt ID	P51553
Tested applications	ELISA, IHC, WB

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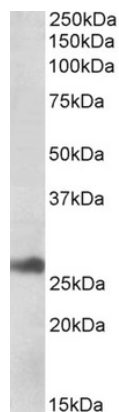
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Application notes	Peptide ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 38kDa band observed in lysates of cell line MCF7 and of Rat and Pig Heart (calculated MW of 41.5kDa according to NP_777358.1). Recommended concentration: 0.5-2µg/mL. Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/mL.
Specificity	This antibody is expected to recognize both reported isoforms (NP_004126.1; NP_777358.1).
Antibody Type	Primary Antibody
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_777358.1 , NP_004126.1
Expiration Date	12 months from date of receipt.



orb1249287 (0.5 ug/ml) staining of MCF7 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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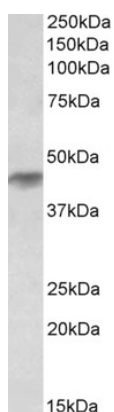
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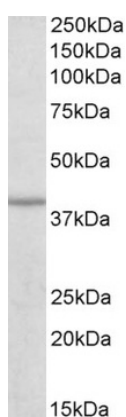
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orb1249287 (1 ug/ml) staining of Rat (A) and Pig (B) Heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



orb1249287 (5 ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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