

Product Datasheet

IDH3G Antibody NBP1-78786

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-78786

IDH3G Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

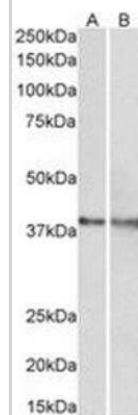
Product Description	
Description	Novus Biologicals Goat IDH3G Antibody (NBP1-78786) is a polyclonal antibody validated for use in WB and ELISA. Anti-IDH3G Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	3421
Gene Symbol	IDH3G
Species	Human, Mouse, Rat, Porcine
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_004126.1; NP_777358.1).
Immunogen	Peptide with sequence C-DHLKLHSYATSIRK corresponding to internal region according to NP_777358.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 2 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 38 kDa band observed in lysates of MCF7 and of human, mouse, rat and porcine heart (calculated MW of 41.5 kDa band according to NP_777358.1).

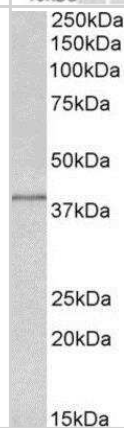


Images

Western Blot: IDH3G Antibody [NBP1-78786] - Analysis of Rat (A) and Pig (B) Heart lysate (35ug protein in RIPA buffer).



Western Blot: IDH3G Antibody [NBP1-78786] - Analysis of MCF7 lysate (35ug protein in RIPA buffer).



Publications

Yang C, Arai M, Ariyanto E et al. Glucose-activated JMJD1A drives visceral adipogenesis via α -ketoglutarate-dependent chromatin remodeling. *Cell reports* 2025-07-26 [PMID: 40720241]

Bzymek KP, Colman RF. Role of alpha-Asp181, beta-Asp192, and gamma-Asp190 in the distinctive subunits of human NAD-specific isocitrate dehydrogenase. *Biochemistry* 2007-05-08 [PMID: 17432878]



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Products Related to NBP1-78786

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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