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Anti-IDH3 gamma Antibody

Catalog # ABV11956

Product Information

Application	WB
Primary Accession	P51553
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	42794

Additional Information

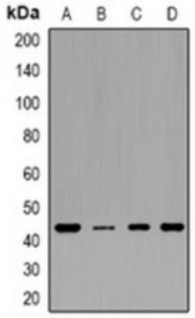
Gene ID	3421
Positive Control	WB: MCF7, mouse heart, rat heart lysate
Application & Usage	WB; 1:500 – 1:2000
Other Names	Isocitrate dehydrogenase [NAD] subunit gamma mitochondrial; Isocitric dehydrogenase subunit gamma; NAD(+)-specific ICDH subunit gamma
Target/Specificity	IDH3G
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-IDH3 gamma Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IDH3G
Function	Regulatory subunit which plays a role in the allosteric regulation of the enzyme catalyzing the decarboxylation of isocitrate (ICT) into alpha-ketoglutarate. The heterodimer composed of the alpha (IDH3A) and beta (IDH3B) subunits and the heterodimer composed of the alpha (IDH3A) and gamma (IDH3G) subunits, have considerable basal activity but the full activity of the heterotetramer (containing two subunits of IDH3A, one of IDH3B and one of IDH3G) requires the assembly and cooperative function of both heterodimers.

Cellular Location Mitochondrion. Photoreceptor inner segment

Images



WB analysis of IDH3 gamma expression in HEK293T (A): MCF7 (B): mouse heart (C); rat heart (D) whole cell lysates

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.