

Rabbit IDH3A Polyclonal Antibody | anti-IDH3A antibody

IDH3A Polyclonal Antibody

CATALOG # AAA311207	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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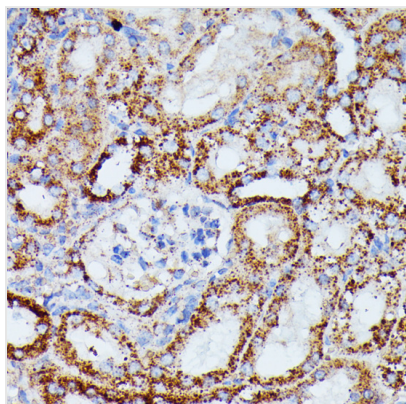
PRODUCT SYNONYMS

IDH3A; Polyclonal Antibody; IDH3A Polyclonal Antibody; isocitrate dehydrogenase 3 (NAD (+)) alpha; anti-IDH3A antibody

PRODUCT SPECIFICATIONS

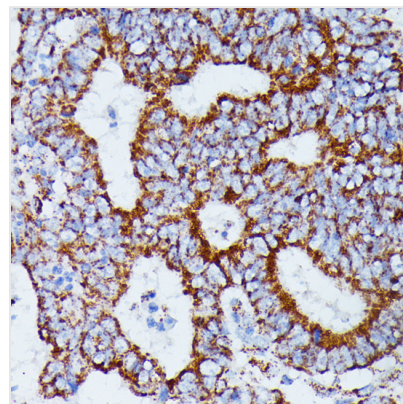
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-IDH3A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human IDH3A (NP_005521.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



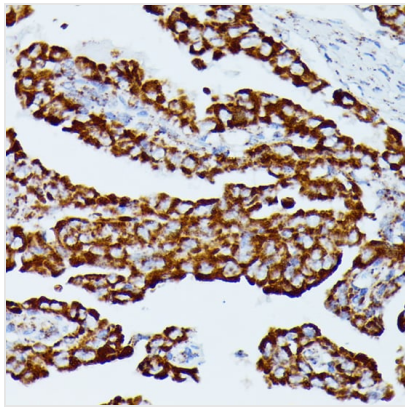
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using IDH3A antibody.



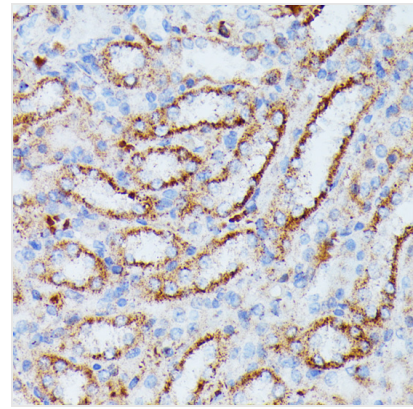
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using IDH3A antibody.



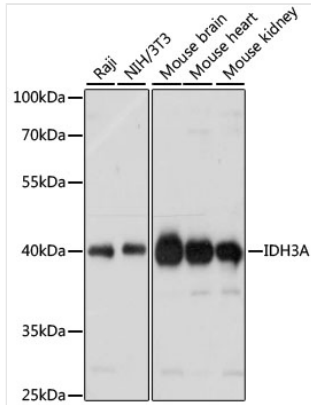
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid cancer using IDH3A antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using IDH3A antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using IDH3A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IDH3A antibody

Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD (+) as the electron acceptor and the other NADP (+). Five isocitrate dehydrogenases have been reported: three NAD (+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP (+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. NAD (+)-dependent isocitrate dehydrogenases catalyze the allosterically regulated rate-limiting step of the tricarboxylic acid cycle. Each isozyme is a heterotetramer that is composed of two alpha subunits, one beta subunit, and one gamma subunit. The protein encoded by this gene is the alpha subunit of one isozyme of NAD (+)-dependent isocitrate dehydrogenase.

Product Categories/Family for anti-IDH3A antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031777
NCBI GeneID	3419
NCBI Accession #	NP_005521.1
NCBI GenBank Nucleotide #	NM_005530.2
UniProt Accession #	P50213; Q9H3X0; D3DW83
Molecular Weight	31,381 Da
NCBI Official Full Name	isocitrate dehydrogenase
NCBI Official Synonym Full Names	isocitrate dehydrogenase 3 (NAD+) alpha

NCBI Official Symbol	IDH3A
NCBI Protein Information	isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial; isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial; H-IDH alpha; NAD+-specific ICDH; NAD(+)-specific ICDH subunit alpha; isocitric dehydrogenase subunit alpha; isocitrate dehydrogenase
UniProt Protein Name	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial
UniProt Gene Name	IDH3A
UniProt Entry Name	IDH3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/idh3a-antibody-immunohistochemistry-western-blot-elisa/311207>