

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ADRENODOXIN RABBIT MAB

Cat.#: N261803

Product Name: Anti-Adrenodoxin Rabbit Monoclonal Antibody **Synonyms:** ADX; FDX; LOH11CR1D **UNIPROT ID:** P10109

Background: Essential for the synthesis of various steroid hormones (PubMed:20547883, PubMed:21636783). Participates in the reduction of mitochondrial cytochrome P450 for steroidogenesis (PubMed:20547883, PubMed:21636783). Transfers electrons from adrenodoxin reductase to CYP11A1, a cytochrome P450 that catalyzes cholesterol side-chain cleavage (PubMed:20547883, PubMed:21636783). Does not form a ternary complex with adrenodoxin reductase and CYP11A1 but shuttles between the two enzymes to transfer electrons.

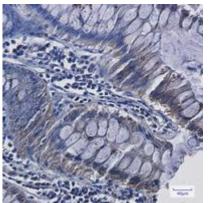
Immunogen: A synthetic peptide of human Adrenodoxin Applications: WB,IHC-P,IP Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 Host Species: Rabbit Clonality: Rabbit Monoclonal Clone ID: R02-2B4 MW: Calculated MW: 19 kDa; Observed MW: 14 kDa Isotype: IgG Purification: Affinity Purified Species Reactivity: Human,Mouse Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

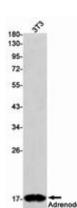


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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Adrenodoxin antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Adrenodoxin in 3T3 lysates using Adrenodoxin antibody.