

HKDC1 Rabbit mAb

Catalog # AP76533

Specification

HKDC1 Rabbit mAb - Product Information

Application WB, IP
Primary Accession Q2TB90
Reactivity Human
Host Rabbit

Clonality Monoclonal Antibody

Calculated MW 102545

HKDC1 Rabbit mAb - Additional Information

Gene ID 80201

Other Names HKDC1

DilutionWB~~1/500-1/1000
IP~~N/A

Format Liquid

HKDC1 Rabbit mAb - Protein Information

Name HKDC1 (HGNC:23302)

Function

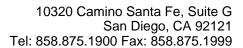
Catalyzes the phosphorylation of hexose to hexose 6- phosphate, although at very low level compared to other hexokinases (PubMed:30517626). Has low glucose phosphorylating activity compared to other hexokinases (PubMed:30517626). Involved in glucose homeostasis and hepatic lipid accumulation. Required to maintain whole-body glucose homeostasis during pregnancy; however additional evidences are required to confirm this role (By similarity).

Cellular Location

Cytoplasm. Mitochondrion membrane; Peripheral membrane protein. Photoreceptor inner segment {ECO:0000250|UniProtKB:Q91W97}. Note=The mitochondrial-binding peptide (MBP) region promotes association with the mitochondrion

Tissue Location

Widely expressed (PubMed:27459389, PubMed:29401404). Highly expressed in the brush border, surface epithelium and the myenteric plexus of the small and large intestines; the acinar centrocytes and interlobular ducts of the pancreas; and the alveolar macrophages in the lungs (at





protein level) (PubMed:29401404) Present at moderate level in the thyroid follicular epithelium (at protein level) (PubMed:29401404).

HKDC1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

HKDC1 Rabbit mAb - Images

