

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

Dilution

WB~~1/500-1/1000

IP~~N/A

Format

Liquid

HKDC1 Rabbit mAb - Protein InformationName HKDC1 ([HGNC:23302](#))**Function**

Catalyzes the phosphorylation of hexose to hexose 6- phosphate, although at very low level compared to other hexokinases (PubMed:[30517626](http://www.uniprot.org/citations/30517626)). Has low glucose phosphorylating activity compared to other hexokinases (PubMed:[30517626](http://www.uniprot.org/citations/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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HKDC1 Rabbit mAb - Images

