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DHRSX antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11632

Product Information

Application	WB
Primary Accession	Q8N5I4
Other Accession	NM_145177, NP_660160
Reactivity	Human, Rat, Bovine, Yeast
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36443

Additional Information

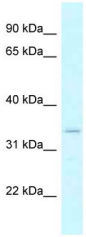
Gene ID	207063
Alias Symbol	CXorf11, DHRS5X, DHRS5Y, DHRSXY, DHRSY, SDR46C1
Other Names	Dehydrogenase/reductase SDR family member on chromosome X, 1.1.-.-, DHRSXY, DHRSX, CXorf11, DHRS5X
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DHRSX antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DHRSX antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DHRSX {ECO:0000303|PubMed:38821050}
Function	Oxidoreductase that plays a key role in early steps of protein N-linked glycosylation by mediating two non-consecutive steps in dolichol biosynthesis (PubMed:38821050). Acts both as a NAD(+)- dependent dehydrogenase and as a NADPH-dependent reductase during the conversion of polyprenol into dolichol (PubMed:38821050). First catalyzes the NAD(+)-dependent dehydrogenation of polyprenol into polyprenal; polyprenal is then reduced into dolichal by SRD5A3 (PubMed:38821050). It then catalyzes the NADPH-dependent reduction of dolichal into dolichol (PubMed:38821050). May also acts as a positive regulator of starvation-induced autophagy (PubMed:25076851).

Cellular Location	Lipid droplet. Secreted. Note=Secreted in a non- classical form; a signal peptide sequence at position 1-31 is predicted.
Tissue Location	Widely expressed. Highly expressed in the pancreas.

Images



WB Suggested Anti-DHRSX Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell

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