

# DHR SX antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11632

## Product Information

Application	WB
Primary Accession	<a href="#">Q8N5I4</a>
Other Accession	<a href="#">NM_145177</a> , <a href="#">NP_660160</a>
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

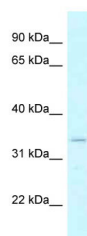
Name	DHRSX {ECO:0000303   PubMed:38821050}
Function	Oxidoreductase that plays a key role in early steps of protein N-linked glycosylation by mediating two non-consecutive steps in dolichol biosynthesis (PubMed: <a href="#">38821050</a> ). Acts both as a NAD(+)- dependent dehydrogenase and as a NADPH-dependent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

**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

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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'.