

Anti-DHRS4 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat)
Molecular Weight:	Theoretical: 30 kDa. Actual: 34 kDa.
Purification:	Protein A purified

Applications

Sample:	Liver (Mouse) Lysate at 40 µg Heart (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-DHRS4 (TMAB-05131) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 34 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human DHRS4
Antigen Species:	Human
Gene ID:	10901
Uniprot ID:	Q9BTZ2

Research Background

Reduces all-trans-retinal and 9-cis retinal. Can also catalyze the oxidation of all-trans-retinol with NADP as co-factor, but with much lower efficiency. Reduces alkyl phenyl ketones and alpha-dicarbonyl compounds with aromatic rings, such as pyrimidine-4-aldehyde, 3-benzoylpyridine, 4-benzoylpyridine, menadione and 4-hexanoylpyridine. Has no activity towards aliphatic aldehydes and ketones.

Tissue specificity:Isoform 1 is predominantly expressed in normal cervix (at protein level). Isoform 4 is expressed in some neoplastic cervical tissues, but not in normal cervix (at protein level). Isoform 5 and isoform 6 are expressed in a few neoplastic cervical tissues.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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