

Datasheet for ABIN2789094
anti-DHRS4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DHRS4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHRS4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	AQDGAHVVS SRKQQNVDQA VATLQGEGLS VTGTVCHVGK AEDRERLVAT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against DHRS4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DHRS4
Alternative Name:	DHRS4 (DHRS4 Products)
Background:	DHRS4 reduces all-trans-retinal and 9-cis retinal. DHRS4 can also catalyze the oxidation of all-

Target Details

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. DHRS4 has no activity towards aliphatic aldehydes and ketones.

Alias Symbols: FLJ11008, NRDR, SCAD-SRL, SDR-SRL, SDR25C1

Protein Interaction Partner: TP53, UBC, PEX5, PEX14, RICTOR,

Protein Size: 278

Molecular Weight: 29 kDa

Gene ID: 10901

NCBI Accession: [NM_021004](#), [NP_066284](#)

UniProt: [Q9BTZ2](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 278 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

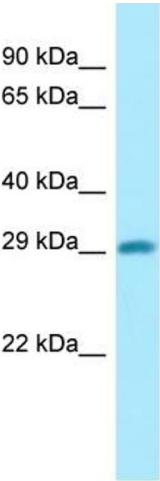
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-DHRS4 Antibody
Catalog Number: ARP62272
Lot Number: QC34023
Lane: COLO205 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.