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Product datasheet for TA358137

DHRS4 Rabbit Polyclonal Antibody

Product data:

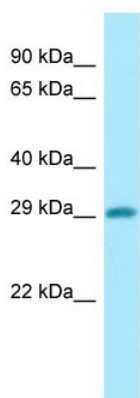|	
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	**Expected reactivity**: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish **Homology**: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	29kDa
Gene Name:	dehydrogenase/reductase 4
Database Link:	NP_066284 Entrez Gene 10901 Human Q9BTZ2
Background:	DHRS4 reduces all-trans-retinal and 9-cis retinal. DHRS4 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. DHRS4 has no activity towards aliphatic aldehydes and ketones.
Synonyms:	CR; FLJ11008; humNRDR; NRDR; PHCR; PSCD; SCAD-SRL; SDR-SRL; SDR25C1

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Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Retinol metabolism

Product images:

WB Suggested Anti-DHRS4 Antibody
Titration: 1.0 ug/ml
Positive Control: COLO205 Whole CellDHRS4 is
supported by BioGPS gene expression data to be
expressed in COLO205