

Product datasheet for **TA356467**

FVT1 (KDSR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human KDSR
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 93%; Dog: 93%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	3-ketodihydrosphingosine reductase
Database Link:	NP_002026.1 Entrez Gene 2531 Human B4DMX0



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Background:

The protein encoded by this gene catalyzes the reduction of 3-ketodihydrosphingosine to dihydrosphingosine. The putative active site residues of the encoded protein are found on the cytosolic side of the endoplasmic reticulum membrane. A chromosomal rearrangement involving this gene is a cause of follicular lymphoma, also known as type II chronic lymphatic leukemia. The mutation of a conserved residue in the bovine ortholog causes spinal muscular atrophy.

Synonyms:

DHSR; FLJ36555; FLJ92680; FVT-1; FVT1; SDR35C1

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

Metabolic pathways, Sphingolipid metabolism

Product images:

Host: Rabbit
Target Name: KDSR
Sample Type: PANC1 Whole cell lysates
Antibody Dilution: 1.0ug/ml