

## Product datasheet for **TA346138**

### PRODH2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PRODH2 antibody: synthetic peptide directed towards the C terminal of human PRODH2. Synthetic peptide located within the following region: LGIPLDGTVCFGQLLGMCDHVSLALGQAGYVYKSIPYGSLEEVIPYLIR
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	proline dehydrogenase 2
Database Link:	<a href="#">NP_067055</a> <a href="#">Entrez Gene 58510 Human</a> <a href="#">Q9UF12</a>
Background:	PRODH2 is similar to proline dehydrogenase (oxidase) 1, a mitochondrial enzyme which catalyzes the first step in proline catabolism. The function of this protein has not been determined. The protein encoded by this gene is similar to proline dehydrogenase (oxidase) 1, a mitochondrial enzyme which catalyzes the first step in proline catabolism. The function of this protein has not been determined.
Synonyms:	HSPOX1



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%

**Protein Pathways:** Arginine and proline metabolism, Metabolic pathways

**Product images:**



WB Suggested Anti-PRODH2 Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate. PRODH2 is supported by BioGPS gene expression data to be expressed in HepG2



Rabbit Anti-PRODH2 Antibody; Paraffin Embedded Tissue: Human Intestine; Cellular Data: Epithelial cells of intestinal villas; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X