

Datasheet for ABIN2462440

anti-PRODH2 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PRODH2
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRODH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PRODH2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	PRODH2
Alternative Name:	PRODH2 (PRODH2 Products)
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.

Target Details

Molecular Weight:	59 kDa
Gene ID:	58510
NCBI Accession:	NP_067055
UniProt:	Q9UF12

Application Details

Application Notes:	PRODH2 antibody can be used for detection of PRODH2 by ELISA at 1:62500. PRODH2 antibody can be used for detection of PRODH2 by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store PRODH2 antibody at -20 °C.



Western Blotting

Image 1.