

Product datasheet for **TA359703**

PEPD 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 middle region of human PEPD
Specificity:	Expected reactivity: Human
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:	54 kDa
Gene Name:	peptidase D
Database Link:	NP_000276.2 Entrez Gene 5184 Human P12955
Background:	This gene encodes a member of the peptidase family. The protein forms a homodimer that hydrolyzes dipeptides or tripeptides with C-terminal proline or hydroxyproline residues. The enzyme serves an important role in the recycling of proline, and may be rate limiting for the production of collagen. Mutations in this gene result in prolidase deficiency, which is characterized by the excretion of large amount of di- and tri-peptides containing proline. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	imidodipeptidase; MGC10905; PRD; prolidase



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Protein Families: Druggable Genome, Protease

Product images:



Host: Rabbit
Target Name: PEPD
Sample Type: 786-0 Cell Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: PEPD
Sample Tissue: 786-0 Whole Cell lysates
Antibody Dilution: 1 μ g/ml