

**Anti-CNDP2 Antibody (aa2-475)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18560****Specification****Anti-CNDP2 Antibody (aa2-475) - Product Information**

Application	IHC-P, E
Primary Accession	<a href="#">Q96KP4</a>
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	52878

**Anti-CNDP2 Antibody (aa2-475) - Additional Information****Gene ID** 55748**Alias Symbol** **CNDP2**  
**Other Names**  
CNDP2, CN2, CPGL, CNDP dipeptidase 2, HsT2298, PEPA, Peptidase A**Target/Specificity**  
Human CNDP2**Reconstitution & Storage**  
Caprylic acid and ammonium sulfate precipitation**Precautions**  
Anti-CNDP2 Antibody (aa2-475) is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-CNDP2 Antibody (aa2-475) - Protein Information****Name** CNDP2 {ECO:0000303|PubMed:25964343, ECO:0000312|HGNC:HGNC:24437}**Function**  
Catalyzes the peptide bond hydrolysis in dipeptides, displaying a non-redundant activity toward threonyl dipeptides (By similarity). Mediates threonyl dipeptide catabolism in a tissue- specific way (By similarity). Has high dipeptidase activity toward cysteinylglycine, an intermediate metabolite in glutathione metabolism (PubMed:<a href="http://www.uniprot.org/citations/19346245" target="\_blank">19346245</a>, PubMed:<a href="http://www.uniprot.org/citations/12473676" target="\_blank">12473676</a>). Metabolizes N-lactoyl-amino acids, both through hydrolysis to form lactic acid and amino acids, as well as through their formation by reverse proteolysis (PubMed:<a href="http://www.uniprot.org/citations/25964343" target="\_blank">25964343</a>). Plays a role in the regulation of cell cycle arrest and apoptosis (PubMed:<a href="http://www.uniprot.org/citations/17121880" target="\_blank">17121880</a>, PubMed:<a href="http://www.uniprot.org/citations/24395568" target="\_blank">24395568</a>).

**Cellular Location**

Cytoplasm

**Tissue Location**

[Isoform 1]: Ubiquitously expressed with higher levels in kidney and liver (at protein level). Expressed in peripheral blood leukocytes (PubMed:12473676). Expressed in gastric mucosa and down-regulated in gastric cancer mucosal tissues (at protein level) (PubMed:24395568).

**Anti-CNDP2 Antibody (aa2-475) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CNDP2 Antibody (aa2-475) - Images**