

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	Q96KP4
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:19346245, PubMed:12473676). 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:25964343). Plays a role in the regulation of cell cycle arrest and apoptosis (PubMed:17121880, PubMed:24395568).

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