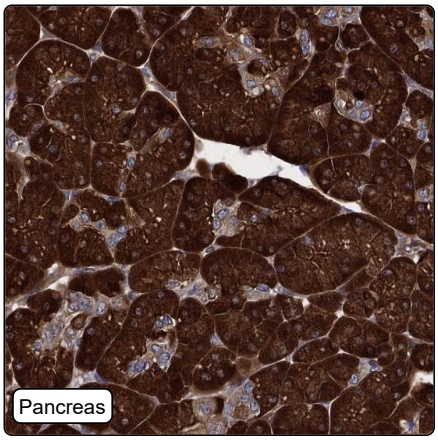
CPTC-XPNPEP1-2 (CAB080287)

Uniprot ID: Q9NQW7
Protein name: XPP1_HUMAN
Full name: Xaa-Pro aminopeptidase 1
Tissue specificity: Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.
Function: Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro.
Subcellular location:
Cytoplasm (*by similarity*)
Protein existence: Experimental evidence at protein level

Comment:

Immunohistochemistry



IHC protocol:	HIER pH6, Dilution 1:4000
IHC test staining:	Cytoplasmic positivity in most tissues.
Literature conformance:	Consistent with gene/protein characterization data
Literature significance:	Limited
RNA similarity:	Medium consistency between antibody staining and RNA expression data
RNA tissue specificity:	Low tissue specificity
RNA tissue distribution:	Detected in all
IHC Sibling similarity:	Other antibody shows partly similar IHC staining pattern
Reliability score:	Supported
APE summary:	Cytoplasmic expression at variable levels in most tissues, most abundant in exocrine pancreas and the intestine.
APE explanatory sentences:	Medium consistency between antibody staining and RNA expression data.
Orthogonal validation:	No
Independent validation:	No
IHC Annotation summary:	Most normal tissues showed cytoplasmic positivity of varying intensity. Most cancers showed moderate to strong cytoplasmic positivity.