

## ASPEP

Cat.No. 296 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

### Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> 1 : 1000 (AP staining) <b>IP:</b> not tested yet <b>ICC:</b> not tested yet <b>IHC:</b> not tested yet <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Synthetic peptide corresponding to AA 195 to 213 from mouse AS (UniProt Id: Q9Z2W0)
Reactivity	Reacts with: rat (Q4V8H5), mouse (Q9Z2W0). Other species not tested yet.
Specificity	Shows band of expected size in westernblots. Specifically detects GFP-fusion protein.
matching control	296-0P

**TO BE USED IN VITRO / FOR RESEARCH ONLY**  
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

**Aspartyl aminopeptidase (ASPEP)**, also referred to as DAP and DNPEP, is an ubiquitously expressed protein that probably plays an important role in intracellular protein and peptide metabolism.

### Selected General References

Insights into substrate specificity and metal activation of mammalian tetrahedral aspartyl aminopeptidase.  
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Chondrocyte-specific microRNA-140 regulates endochondral bone development and targets Dnpep to modulate bone morphogenetic protein signaling.  
Nakamura Y, Inloes JB, Katagiri T, Kobayashi T  
Molecular and cellular biology (2011) 31(14): 3019-28.

Aspartyl aminopeptidase, encoded by an evolutionarily conserved syntenic gene, is colocalized with its cluster in secretory granules of pancreatic islet cells.  
Cai WW, Wang L, Chen Y  
Bioscience, biotechnology, and biochemistry (2010) 74(10): 2050-5.

Purification, characterization, and cloning of a cytosolic aspartyl aminopeptidase.  
Wilk S, Wilk E, Magnusson RP  
The Journal of biological chemistry (1998) 273(26): 15961-70.