

小鼠抗 ANPEP 单克隆抗体

中文名称： 小鼠抗 ANPEP 单克隆抗体

英文名称： Anti-ANPEP mouse monoclonal antibody

别名： APN; CD13; GP150; LAP1; P150; PEPN

相关类别： 一抗

储存： 冷冻（-20℃） 避光

宿主： Mouse

抗原： ANPEP

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

Aminopeptidase N is located in the small-intestinal and renal microvillar membrane, and also in other plasma membranes. In the small intestine aminopeptidase N plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. Its function in proximal tubular epithelial cells and other cell types is less clear. The large extracellular carbohydrate terminal domain contains a pentapeptide consensus sequence characteristic of members of the zinc-binding metalloproteinase superfamily. Sequence comparisons with known enzymes of this class showed that CD13 and aminopeptidase N are identical. The latter enzyme was thought to be involved in the metabolism of regulatory peptides by diverse cell types, including small intestinal

	and renal tubular epithelial cells, macrophages, granulocytes, and synaptic membranes from the CNS. Human aminopeptidase N is a receptor for one strain of human coronavirus that is an important cause of upper respiratory tract infections. Defects in this gene appear to be a cause of various types of leukemia or lymphoma. [provided by RefSeq, Jul 2008].
Applications:	WB, IHC
Name of antibody:	ANPEP
Immunogen:	Fusion protein of human ANPEP
Full name:	alanyl (membrane) aminopeptidase (ANPEP)
Synonyms:	APN; CD13; GP150; LAP1; P150; PEPN
SwissProt:	P15144
IHC positive control:	human colon tissue and human pancreas tissue; human prostate tissue and human tonsil tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	110 kDa
WB Positive control:	HepG2, A549 cell lysates
WB Recommended dilution:	500-2000