

兔抗 CTSF 多克隆抗体

中文名称：兔抗 CTSF 多克隆抗体

英文名称：Anti-CTSF rabbit polyclonal antibody

别名：cathepsin F; CATSF; CLN13

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：CTSF

反应种属：Human, Mouse

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Cathepsins are papain family cysteine proteinases that represent a major component of the lysosomal proteolytic system. Cathepsins generally contain a signal sequence, followed by a propeptide and then a catalytically active mature region. The very long (251 amino acid residues) proregion of the cathepsin F precursor contains a C-terminal domain similar to the pro-segment of cathepsin L-like enzymes, a 50-residue flexible linker peptide, and an N-terminal domain predicted to adopt a cystatin-like fold. The cathepsin F proregion is unique within the papain family cysteine proteases in that it contains

	<p>this additional N-terminal segment predicted to share structural similarities with cysteine protease inhibitors of the cystatin superfamily. This cystatin-like domain contains some of the elements known to be important for inhibitory activity. CTSF encodes a predicted protein of 484 amino acids which contains a 19 residue signal peptide. Cathepsin F contains five potential N-glycosylation sites, and it may be targeted to the endosomal/lysosomal compartment via the mannose 6-phosphate receptor pathway. The cathepsin F gene is ubiquitously expressed, and it maps to chromosome 11q13, close to the gene encoding cathepsin W.</p>
Applications:	ELISA, IHC
Name of antibody:	CTSF
Immunogen:	Synthetic peptide of human CTSF
Full name:	cathepsin F
Synonyms:	CATSF; CLN13
SwissProt:	Q9UBX1
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human colorectal cancer and human liver cancer
IHC Recommend dilution:	20-100

