

Cathepsin B Rabbit pAb

db7035

Package : 20µL 50µL 100µL

Product Name : Cathepsin B Rabbit pAb**Cat.No.:** db7035**Synonyms** : CB**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a member of the peptidase C1 family and preproprotein that is proteolytically processed to generate multiple protein products. These products include the cathepsin B light and heavy chains, which can dimerize to generate the double chain form of the enzyme. This enzyme is a lysosomal cysteine protease with both endopeptidase and exopeptidase activity that may play a role in protein turnover. Homozygous knockout mice for this gene exhibit reduced pancreatic damage following induced pancreatitis and reduced hepatocyte apoptosis in a model of liver injury. Pseudogenes of this gene have been identified in the genome. [provided by RefSeq, Aug 2015]

Immunogen

Recombinant protein of mouse Cathepsin B

Gene ID

13030

Swiss Prot

P10605

Synonyms

CB

Reactivity

Mouse, Rat

Application

WB, IHC, ICC/IF, FC

Recommended dilutionWB: 1:1000
IHC: 1:200
ICC/IF: 1:50
FC: 1:100**Calculated MW**

37 kDa

Observed MW

44,27,24 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.