

CAB20453

Product Information

Product SKU: CAB20453	Gene ID: -	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Human

Additional Information

Observed MW: 60kDa	Conjugate: Unconjugated
Calculated MW: -	Isotype: IgG

Immunogen Information

Background: Proteinase K is an endopeptidase belonging to the subtilisin group of serine proteases. Proteinase K was isolated from the mold (*Parengyodontium album* or previously known as *Tritirachium album*). Proteinase K has five cysteines. Four of the cysteine residues form two disulfide bonds (34-124 and 179-248, respectively) and one lies below one of the catalytic triads. Proteinase K often binds two calcium ions required for full enzymatic activity. In molecular biology laboratories, proteinase K is useful during preparation of DNA or RNA samples by degrading and inactivating proteins.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: -

Purification Method: Affinity purification

Immunogen: Recombinant protein of human Proteinase K.

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.