
Product Information

Size:

50ug

Reactivity:

Porphyromonas gingivalis

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

Protein Background:

Cysteine proteinase with a strong preference for substrates with Lys in the P1 position. Hydrolyzes bovine hemoglobin, bovine serum albumin, casein, human placental type I collagen and human IgA and IgG. Disrupts the functions of polymorphonuclear leukocytes. May act as a virulence factor in the development of periodontal disease. Involved in the coaggregation of *P. gingivalis* with other oral bacteria.

Gene ID:

kgp

Uniprot

B2RLK2

Synonyms:

Lys-gingipain (EC 3.4.22.47) (Lysine-specific cysteine proteinase Kgp) [Cleaved into: Lys-gingipain catalytic subunit; 39 kDa adhesin; 15 kDa adhesin; 44 kDa adhesin], kgp

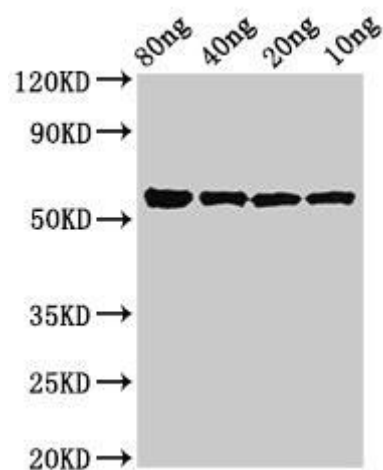
Immunogen:

Recombinant Porphyromonas gingivalis Lys-gingipain protein (229-594AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in Recombinant protein. All lanes: kgp antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 56 kDa. Observed band size: 56 kDa.