

Datasheet for ABIN7538092
anti-KNG1 antibody

2 Images



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Overview

Quantity:	100 µL
Target:	KNG1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit polyclonal antibodies to Bradykinin
Immunogen:	Bradykinin (RPPGFSPFR) acetate conjugated to Ovalbumin
Isotype:	IgG, IgM
Specificity:	Bradykinin (RPPGFSPFR)
Cross-Reactivity (Details):	May cross react with other species
Purification:	Immunogen affinity column

Target Details

Target:	KNG1
Alternative Name:	Bradykinin (KNG1 Products)
Background:	Bradykinin (BK) is a peptide that promotes inflammation. It causes arterioles to dilate (enlarge) via the release of prostacyclin, nitric oxide, and endothelium-derived hyperpolarizing factor and

Target Details

makes veins constrict, via prostaglandin F2, thereby leading to leakage into capillary beds, due to the increased pressure in the capillaries. Bradykinin consists of nine amino acids, and is a physiologically and pharmacologically active peptide of the kinin group of proteins.

Molecular Weight:	1060.21 Da
Pathways:	ACE Inhibitor Pathway , Glycosaminoglycan Metabolic Process

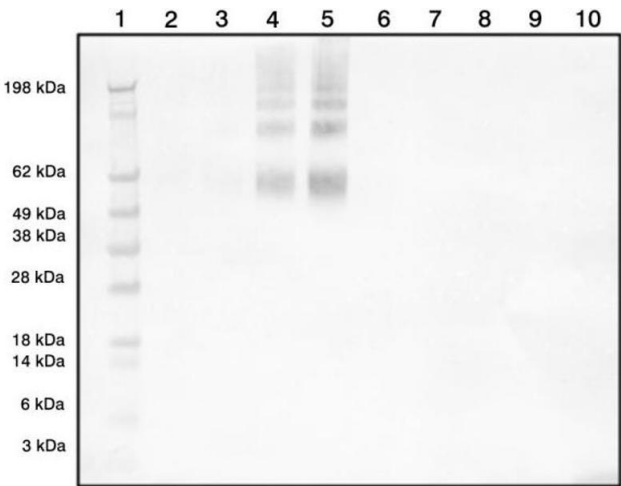
Application Details

Application Notes:	Western blot: 0.1-1.0 µg/mL
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Glycine pH 7.2
Storage:	4 °C,-80 °C
Storage Comment:	Short term up to 1 month at 2-8°C, long term can be held for up to five years at -70°C

Images



Western Blotting

Image 1. Western blot demonstrating our polyclonal detecting Bradykinin-BSA conjugate at 1in2000 dilution (1 = Marker, 2 =Bradykinin-BSA (5 ng), 3 =Bradykinin-BSA (10 ng), 4 =Bradykinin-BSA (50 ng), 5 =Bradykinin-BSA (100 ng), 6 =Blank, 7 = BSA (5 ng), 8 = BSA (10 ng), 9 =BSA (50 ng), 10 = BSA (100 ng))

ELISA

Image 2. ELISA Plates were coated with 4 µg/mL Bradykinin-BSA, rabbit anti-bradykinin was added at different concentrations and detected with an anti-rabbit HRP.

