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Product Datasheet

SARS 3Cl Protease Antibody, Rabbit, Polyclonal ROC-200-401-A51

Article Name	SARS 3Cl Protease Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ROC-200-401-A51
Supplier Catalog Number	200-401-A51
Alternative Catalog Number	ROC-200-401-A51
Manufacturer	Rockland Immunochemicals
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Virus
Immunogen	This protein A purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a purified recombinant protein corresponding to full length SARS Coronavirus 3CL Protease. Lifesensors Inc. (www.lifesensors.com) prepared the 3CL Protease as follows: SUMO-3CL protease fusion was expressed in E. coli in LB medium and purified by Ni-NTA resin affinity chromatography (Qiagen). After the fusion was cleaved by the SUMO Protease (LifeSensors), the SUMO tag and protease were subtracted from the 3CL protease using MAC and the 3CL protease was finally purified using Anion Exchange Chromatography with the Macro-Prep High Q resin (BioRad) and size exclusion chromatography.
Conjugation	Unconjugated
Clonality	Polyclonal
Concentration	5.1 mg/mL by UV absorbance at 280 nm

NCBI	1489680
UniProt	P0C6U8
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Form	Lyophilized
Target	SARS
Antibody Type	Primary Antibody
Application Dilute	ELISA: 1:10,000 - 1:50,000, IF Microscopy: User Optimized, WB: 1:2,000 - 1:10,000
Application Notes	This protein A purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 34 kDa in size corresponding to SARS 3CL Protease by western blotti