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Product Datasheet

SARS-CoV-2 Spike P681H Antibody (Alpha, Mu Variant), Rabbit, Polyclonal ABT-ASC12227

Article Name	SARS-CoV-2 Spike P681H Antibody (Alpha, Mu Variant), Rabbit, Polyclonal
Biozol Catalog Number	ABT-ASC12227
Supplier Catalog Number	ASC12227
Alternative Catalog Number	ABT-ASC12227-0.1MG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, WB
Product Description	In September of 2020 a new lineage of SARS-CoV-2, known as B.1.1.7, was discovered in the United Kingdom. This lineage was found to have developed 14 lineage-specific amino acid replacements and 3 deletions prior to its discovery. The transmission of...
Clonality	Polyclonal
Molecular Weight	141178
NCBI	43740568
UniProt	P0DTC2
Buffer	SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody is supplied in PBS containing 0.02% sodium azide.

Purity	SARS-CoV-2 (COVID-19) Alpha Variant (B.1.1.7, UK) Spike P681H Antibody is affinity chromatography purified via peptide column.
Target	May cross-react with several virus of interest (VOI) variant lineages that contains P681H mutation, including B.11.318, B.1.621, B.1.621.1, P.3. But all of these lineages are rarely present in current pandemic.
Antibody Type	Polyclonal Antibody
Application Notes	WB: 1 µg/mL. Antibody validated: Western Blot in human samples. Anti-SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody can specifically detect SARS-CoV-2 UK Variant (B.1.1.7) Spike S1 protein, but not SARS-CoV-2 WT Spike S1 protein by ELISA. It can also detect mutant peptide (681H), but not WT peptide (681P). All other applications and species not yet tested.