

Outer capsid glycoprotein VP7 Antibody



PACO34126

Product Information

Size:

50ug

Reactivity:

Rotavirus A

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:

Protein Background:

Calcium-binding protein that interacts with rotavirus cell receptors once the initial attachment by VP4 has been achieved. Rotavirus attachment and entry into the host cell probably involves multiple sequential contacts between the outer capsid proteins VP4 and VP7, and the cell receptors. Following entry into the host cell, low intracellular or intravesicular Ca²⁺ concentration probably causes the calcium-stabilized VP7 trimers to dissociate from the virion. This step is probably necessary for the membrane-disrupting entry step and the release of VP4, which is locked onto the virion by VP7.

Gene ID:

Uniprot

P10501

Synonyms:

Outer capsid glycoprotein VP7

Immunogen:

Recombinant Rotavirus A Outer capsid glycoprotein VP7 protein (51-326AA).

Storage:

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

Product Images

N/A

N/A