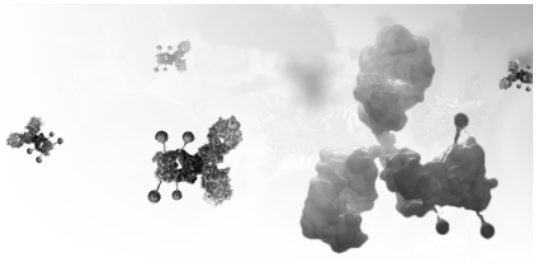

Anti-RotaVirus polyclonal antibody (DPAB0092)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sheep Antibody to Rotavirus
Specificity	Recognizes all human rotavirus serotypes.
Immunogen	Five serotypes of group A Rotavirus strains: Wa (serotype I), DS-1 (serotype II), Ito (serotype III), HOCHI (serotype IV) and 69M (serotype VIII)
Source/Host	Sheep
Species Reactivity	Human
Purification	Protein G chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, immunofluorescence and functional assays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	5mg/ml
Size	1 ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Short-term store at 2-8°C. Long term, store at -20°C. Avoid multiple freeze/thaw cycles.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

BACKGROUND

Introduction	Rotaviruses, members of the family Reoviridae, are a major cause of diarrhoea in young mammals. Rotavirus infections also result in economic losses in agriculture due to diarrhoea in calf, pig, sheep, and poultry rearing. Diarrhoea (or scours) due to the rotavirus Nebraska Calf Diarrhea Virus can affect calves up to 30 days of age or older. Diarrhoea begins 2 to 3 days after exposure. Diagnosis is by history, lesions (ulcers on the tongue, lips, and mouth) and diagnostic laboratory tests. Mortality rates may be as high as 50 percent, depending on the secondary bacteria present.
Keywords	Major inner capsid protein VP6; VP6; Rotavirus; Group III (dsRNA); Unassigned; Reoviridae; Sedoreovirinae; Rotavirus A; Rotavirus B; Rotavirus C; Rotavirus D; Rotavirus E; Rotavirus

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221