



# Anti-Parainfluenza Virus Type 3 p69 polyclonal antibody (CABT-BL8953)

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

## PRODUCT INFORMATION

Source/Host	Goat
Species Reactivity	Parainfluenza Virus Type 3
Conjugate	Unconjugated
Applications	IFA
Size	2 ml
Preservative	None
Storage	Store at 2-7 °C. Do not freeze!

## BACKGROUND

### Introduction

Human parainfluenza viruses (HPIVs) are the viruses that cause human parainfluenza. HPIVs are a group of four distinct single-stranded RNA viruses belonging to the Paramyxoviridae family. These viruses are closely associated with both human and veterinary disease. Virions are approximately 150–250 nm in size and contain negative sense RNA with a genome encompassing ~15,000 nucleotides. Transmission electron micrograph of parainfluenza virus. Two intact particles and free filamentous nucleocapsid Fusion glycoprotein trimer, Human parainfluenza virus 3 (hPIV3). The viruses can be detected via cell culture, immunofluorescent microscopy, and PCR. HPIVs remain the second main cause of hospitalisation in children under 5 years of age suffering from a respiratory illness (only respiratory syncytial virus causes more respiratory hospitalisations for this age group).