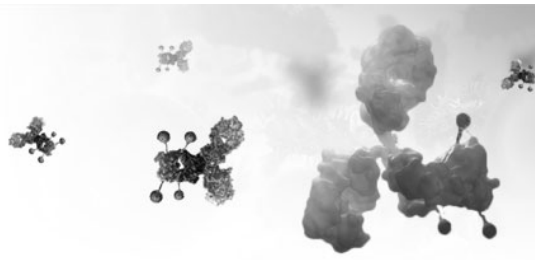

Rabbit Anti-ASFV p30 polyclonal antibody (CABT-RM033)

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

PRODUCT INFORMATION

Specificity	The antigen (Uniprot#P34204) exhibits>80% homology across various isolates of ASFV p30.
Target	ASFV
Immunogen	Full length recombinant ASFV Phosphoprotein p30 with a N-terminal 6-his tag ~24.4 kDa (210 aa)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	ASFV
Purification	Unpurified antiserum
Conjugate	Unconjugated
Applications	ELISA, WB
Reconstitution	reconstitute in 100 ul distilled water
Format	Lyophilized powder
Size	100 µl
Preservative	0.05% sodium azide
Storage	Short-term: 1 month at 4°C Long-term: 12 months at –20°C or below in suitable aliquots after reconstitution. Do not freeze and thaw or store working,diluted solutions.

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BACKGROUND

Introduction	African swine fever virus is one of the most important infectious diseases threatening porcine production. With its recent introduction in the Caucasus and Russian Federation, it has become a threat for the world because of the rise of ASFV to the rest of Europe, China and other major pig producing countries from SouthEast Asia. ASFV is major constraint for pig production and results in killing large numbers of animals, not only because the virus lethal power itself, but also because of massive culling to control the disease. ASFV outbreaks further imply major economic losses in affected countries because of market and trade bans and closing of borders to animals and pork products. Pork meat provides an affordable source of high protein quality in endemic areas in Africa, and the eradication of this disease would directly alleviate poverty.
Keywords	ASFV phosphoprotein p30; African swine fever Virus; ASFV;ASFV p30

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