SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0006-200	600 µg

Anti-EEA1

Source: Goat

General description: Goat polyclonal antibody to EEA1 – early endosome marker. EEA1 is Early Endosome Antigen 1 protein that binds phospholipid vesicles containing phosphatidylinositol 3-phosphate, which is necessary for endosomal trafficking.

Alternative names: early endosome antigen 1,162kD; early endosome-associated protein; endosome-associated protein p162; zinc finger FYVE domain-containing protein 2 antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide within residues 1230 aa to the C-terminus of human EEA1 produced in E. coli.

Specificity: Detects a band of 180 kDa by Western blot in the following human, mouse and rat whole cell lysates.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	+++	+++	ND
Rat	+++	ND	+++	+++	ND
Mouse	+++	ND	+++	+++	ND
Canine	+++	ND	+++	+++	ND
Monkey	+++	ND	+++	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:250-1:1,000
IF:	1:25-1:250

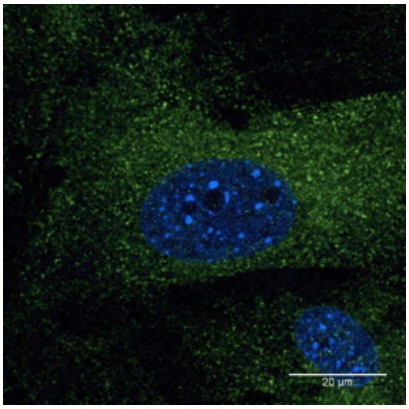
IHC (F): 1:100-1:500

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

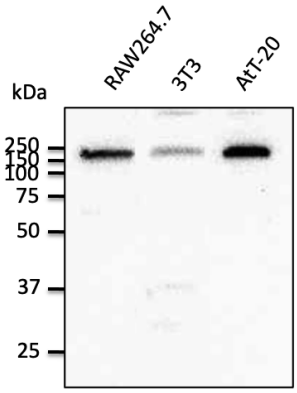
Special instructions: The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles..

References:

1. Ferreira JV, Soares AR, Ramalho J, et al. Sci Adv 2022 Mar PMID: 35333565
2. Ernst K, Landenberger M, Nieland J, et al. Toxins (Basel) 2021 May PMID: 34071730



Immunostaining of primary fibroblasts with EEA1 antibody at 1/50 dilution;



Anti-EEA1 Ab at 1/500 dilution; Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.