

Rabbit anti-Human ARL14EP Polyclonal Antibody | anti-ARL14EP antibody

Anti-ARL14EP Antibody, Rabbit Polyclonal

CATALOG # AAA256191	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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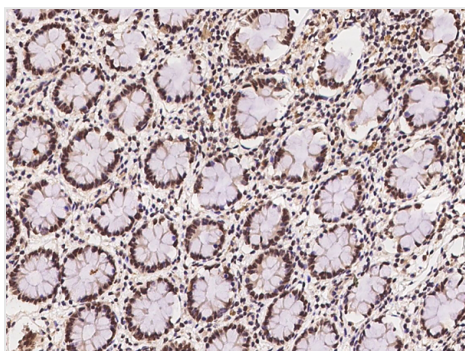
PRODUCT SYNONYMS

ARL14EP; Polyclonal Antibody; Anti-ARL14EP Antibody; Rabbit Polyclonal; ARL14EP Antibody; Rabbit PAb; Antigen Affinity Purified; ADP ribosylation factor like GTPase 14 effector protein; Anti-ARF7EP Antibody; Anti-C11orf46 Antibody; Anti-dJ299F11.1 Antibody; anti-ARL14EP antibody

PRODUCT SPECIFICATIONS

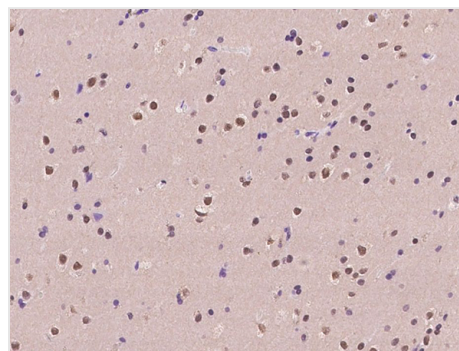
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ARL14EP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ARL14EP antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human ARL14EP fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ARL14EP fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human ARL14EP in human rectum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human ARL14EP in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL14EP antibody	The ADP-ribosylation factor-like 14 effector protein (ARL14EP, also known as C11orf46), which is located on 11p14.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, and frog. It interacts with ADP-ribosylation factor-like 14 [ARL14, also known as ADP-ribosylation factor 7 (ARF7)], beta-actin (ACTB), an actin-based motor protein myosin 1E (MYO1E). Through its interaction with ARL14 and MYO1E, may connect MHC class II-containing cytoplasmic vesicles to the actin network and hence controls the movement of these vesicles along the actin cytoskeleton in dendritic cells. ARL14EP is ubiquitously expressed in the thyroid, adrenal gland, and 25 other tissues. Diseases associated with ARL14EP include Wilms Tumor, Aniridia, Genitourinary Anomalies, And Mental Retardation Syndrome.
References	Peter CJ, et al. (2019) In vivo epigenetic editing of sema6a promoter reverses transcallosal dysconnectivity caused by c11orf46/arl14ep risk gene. Nat Commun 10 (1): 4112.Paul P, et al. (2011) A genome-wide multidimensional rnai screen reveals pathways controlling mhc class ii antigen presentation. Cell 145 (2): 268-283.Gawin B, et al. (1999) A 7.5 mb sequence-ready pac contig and gene expression map of human chromosome 11p13-p14.1. Genome Res 9 (11): 1074-1086.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/arl14ep-antibody-immunohistochemistry-elisa/256191>