

RAB1A Polyclonal Antibody

Product Details	
Size	100 µl
Species Reactivity	Bovine, Dog, Horse, Guinea pig, Goat, Human, Mouse, Rabbit, Rat, Zebrafish
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide directed towards the middle region of human RAB1A
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608352

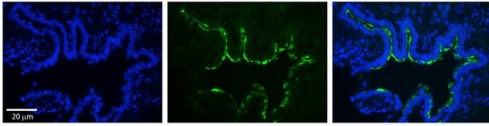
Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1:100	
Immunofluorescence (IF)	✓	1:100	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:100	
Western Blot (WB)	✓	0.2-2 µg/mL	

Product Specific Information

Peptide sequence: AKNATNVEQS FMTMAAEIKK RMGPGATAGG AEKSNVKIQS TPKQSGGGC

Sequence homology: Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%

Product Images For RAB1A Polyclonal Antibody

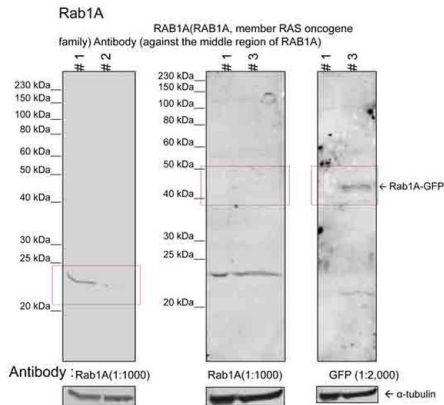


RAB1A Antibody (PA5-44578) in IHC (P)

Immunohistochemistry (paraffin-embedded) analysis of human bronchial epithelial tissue using an anti-RAB1A polyclonal antibody (Product # PA5-44578).

RAB1A Antibody (PA5-44578) in WB

Western blot analysis of human, mouse cell lysate using an anti-RAB1A polyclonal antibody (Product # PA5-44578).; Secondary Antibody: goat anti-Rabbit LANE 1) Human Cervical Cancer Cell Lysate (15µg); LANE 2) Monkey Fibroblast Cell Lysate (15µg); LANE 3) Human Cervical Cancer Cell transfected with Rab1A-GFP (15µg).



1 – Hela Cell Lysate
2 – Vera Cell Lysate
3 – Hela Cell Lysate transfected with Rab1A-GFP
* Each loaded with 15 µg of protein per well.

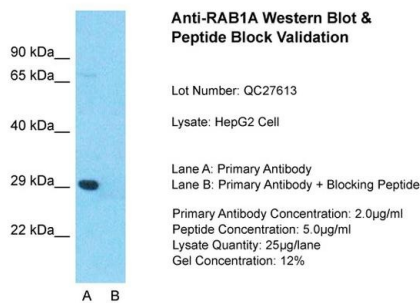
Predicted M.W. = 23 kDa

Conclusion :

Western Blot of Rab1A does show a specific band in the human lysate that expresses the endogenous Rab1A protein. Though this was not seen in the GFP-tagged mRab1A lysate.

The GFP-tagged Rab1A is in the mouse species which might owe to there being no binding with human (Hela) Rab1A.

Image submitted by Dr. Jakob Szewedo from Dr. Lupashin's lab at The University of Arkansas



RAB1A Antibody (PA5-44578) in WB

Western blot analysis of human HepG2 cell lysate using an anti-RAB1A polyclonal antibody (Product # PA5-44578). Lane 1) Primary Antibody; Lane 2) Primary Antibody + Blocking Peptide.

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