

Rabbit anti-Human PHO1 Polyclonal Antibody | anti-APOBEC3A antibody

PHO1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286357	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

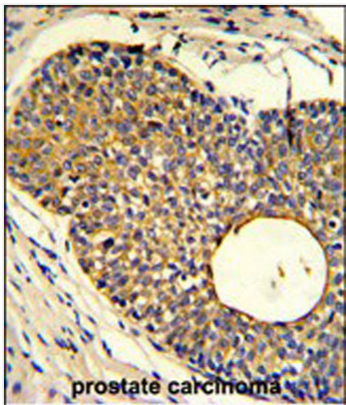
PRODUCT SYNONYMS

PHO1; Polyclonal Antibody; PHO1 Antibody (N-term); DNA dC->dU-editing enzyme APOBEC-3A; A3A; 354-; Phorbolin-1; APOBEC3A; anti-APOBEC3A antibody

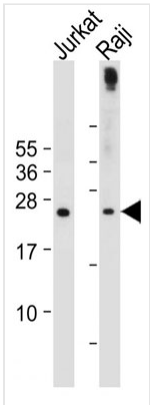
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PHO1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	1-30
Sequence Length	199
Applicable Applications for anti-APOBEC3A antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with PHO1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
All lanes : Anti-hPHO1-M1 at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3A antibody	PHO1 a member of the cytidine deaminase gene family. The PHO1 gene is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. This gene encodes a protein that lacks the zinc binding activity and may be an expressed pseudogene.
Product Categories/Family for anti-APOBEC3A antibody	Cell Biology; Metabolism; Signal transduction
References	Wedekind, J.E., et al., Trends Genet. 19(4):207-216 (2003). Jarmuz, A., et al., Genomics 79(3):285-296 (2002). Madsen, P., et al., J. Invest. Dermatol. 113(2):162-169 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	300869638
NCBI GeneID	100913187
NCBI Accession #	NP_001180218.1; NP_663745.1
NCBI GenBank Nucleotide #	NM_001193289.1
UniProt Accession #	P31941; Q12807; Q5JZ93; Q9UH18; A0AVM1
NCBI Official Full Name	probable DNA dC->dU-editing enzyme APOBEC-3A
NCBI Official Synonym Full Names	APOBEC3A and APOBEC3B deletion hybrid
NCBI Official Symbol	APOBEC3A_B
NCBI Protein Information	probable DNA dC->dU-editing enzyme APOBEC-3A
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3A
UniProt Gene Name	APOBEC3A
UniProt Synonym Gene Names	A3A
UniProt Entry Name	ABC3A_HUMAN

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/pho1-antibody-western-blot-immunohistochemistry-elisa/286357>