

Rabbit anti-Human GLYR1 Polyclonal Antibody | anti-GLYR1 antibody

Anti-GLYR1 Antibody, Rabbit Polyclonal

CATALOG # AAA254984	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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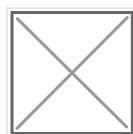
PRODUCT SYNONYMS

GLYR1; Polyclonal Antibody; Anti-GLYR1 Antibody; Rabbit Polyclonal; GLYR1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-BM045 Antibody; Anti-N-PAC Antibody; Anti-NP60 Antibody; anti-GLYR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GLYR1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GLYR1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human GLYR1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human GLYR1, 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of GLYR1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human GLYR1 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-GLYR1 rabbit polyclonal antibody at 1:500 dilution Lane A: K562 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 61 kDa Observed band size: 61 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GLYR1 antibody	Glyoxylate reductase 1 homolog (GLYR1), also known as NP60 and N-PAC, was originally discovered as an oxidoreductase in plant research. This protein, which is encoded by a gene located on the 16p13.3 chromosome, contains three domains: PWWP, AT-hook and NAD binding regions. GLYR1 has a high mutation frequency in microsatellite instability colorectal cancer (MSI CRC) and is presumed to be a novel tumor suppressor. GLYR1 overexpression induces p21 transcriptional activation and increases caspase activity via a p53-independent pathway.
References	Fei J, et al. (2018) Ndf, a nucleosome-destabilizing factor that facilitates transcription through nucleosomes. Genes Dev 32 (9-10): 682-694.Marabelli C, et al. (2019) A tail-based mechanism drives nucleosome demethylation by the lsd2/npac multimeric complex. Cell Rep 27 (2): 387-399.e387.

NCBI AND UNIPROT INFORMATION

NCBI GI #	862669336
NCBI GeneID	84656
NCBI Accession #	NP_001295025.1
NCBI GenBank Nucleotide #	NM_001308096.1
UniProt Accession #	Q49A26; Q5U632; Q6P1Q2; Q6V3W7; Q9BT11; Q9B XK2; B4DL47; C9JJ40; C9JJ60
Molecular Weight	52,559 Da
NCBI Official Full Name	putative oxidoreductase GLYR1 isoform 2
NCBI Official Synonym Full Names	glyoxylate reductase 1 homolog
NCBI Official Symbol	GLYR1
NCBI Official Synonym Symbols	NP60; BM045; HIBDL; N-PAC
NCBI Protein Information	putative oxidoreductase GLYR1
UniProt Protein Name	Putative oxidoreductase GLYR1
UniProt Gene Name	GLYR1
UniProt Synonym Gene Names	HIBDL; NP60

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://stage.aaabiotech.com/polyclonal/glyr1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254984>