

Datasheet for ABIN6971688
anti-GLYR1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GLYR1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLYR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody was raised against a peptide within the C-terminal region of human GLYR1.
Isotype:	IgG
Characteristics:	<p>GLYR1 / NDF (nucleosome-destabilizing factor) that is recruited to gene bodies during transcriptional activation and facilitates Pol II transcription through nucleosomes, where it is proposed to "unzip" chromatin during transcription, pushing the polymerase past pause points. It was discovered as a factor that allows p300 to acetylate Histone H3K56, which is normally an inaccessible residue for this modification. GLYR1 is shown to associate with a subset of highly transcribed genes tending to have longer mRNAs rather than shorter, and is also at a significant subset of loci containing the Histone H3K36me3. GLYR1 is expressed at high levels in most tissue types, including stem cells, and has been found to be overexpressed in breast cancer. GLYR1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.</p>

Product Details

Purification: Affinity Purified

Target Details

Target: GLYR1

Alternative Name: GLYR1 ([GLYR1 Products](#))

Molecular Weight: 65 kDa

NCBI Accession: [NP_115958](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

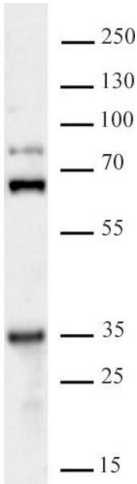
Buffer: Purified IgG in 70 mM Tris, 105 mM NaCl, 0.07 mM EDTA, 31 mM glycine, 30 % glycerol, and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. GLYR1 antibody (pAb) tested by Western blot 20 µg of HEK293 nuclear extract was run on SDS-PAGE and probed with antibody at a dilution of 1:500.