

Datasheet for ABIN2789836
anti-AQR antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human AQR
Sequence:	DTTPSETGAT STPEAIPALS ETTPTVVGAV SAPAEANTPQ DATSAPEETK
Predicted Reactivity:	Horse: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against AQR. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	AQR
Alternative Name:	AQR (AQR Products)
Background:	AQR is an intron-binding spliceosomal protein required to link pre-mRNA splicing and snoRNP

Target Details

(small nucleolar ribonucleoprotein) biogenesis. AQR plays a key role in position-dependent assembly of intron-encoded box C/D small snoRNP, splicing being required for snoRNP assembly. AQR may act by helping the folding of the snoRNA sequence. Binds to intron of pre-mRNAs in a sequence-independent manner, contacting the region between snoRNA and the branchpoint of introns (40 nucleotides upstream of the branchpoint) during the late stages of splicing.

Alias Symbols: DKFZp686B23123, IBP160, KIAA0560, fSAP164

Protein Interaction Partner: UBC, LGR4, SUZ12, RNF2, BMI1, ZNF830, WDR83, WDR77, RBM22, PQBP1, RBM4, EIF4A3, MAGOH, SIRT7, HNRNPA1, Prpf8, Cdc5l, Snw1, USP28,

Protein Size: 1485

Molecular Weight: 171 kDa

Gene ID: 9716

NCBI Accession: [NM_014691](#), [NP_055506](#)

UniProt: [O60306](#)

Application Details

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

Comment: Antigen size: 1485 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

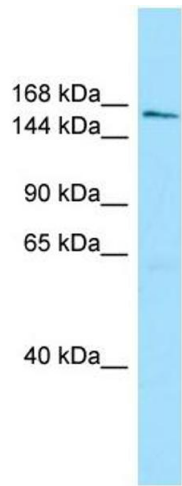
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-AQR Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell AQR is supported by BioGPS gene expression data to be expressed in MCF7