

ARG42046 anti-GON7 / C14orf142 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GON7 / C14orf142
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Hrs, Pig
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GON7 / C14orf142
Species	Human
Immunogen	Synthetic peptide around the C-terminal region of Human GON7 / C14orf142. (within the following region: LVQGE VQHRV AAAPD EDLDG DDEDD AEDEN NIDNR TNFDG PSAKR PKTPS)
Conjugation	Un-conjugated
Alternate Names	PNAS-127; C14orf142; chromosome 14 open reading frame 142

Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 86%; Dog: 86%; Horse: 86%; Mouse: 91%; Pig: 79%; Rat: 91%				
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>2 - 10 µg/ml</td></tr></tbody></table>	Application	Dilution	WB	2 - 10 µg/ml
Application	Dilution				
WB	2 - 10 µg/ml				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Jurkat				
Observed Size	~ 11 kDa				

Properties

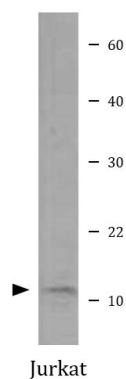
Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GON7
Gene Full Name	GON7 subunit of KEOPS complex
Function	Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t6A37) in tRNAs that read codons beginning with adenine. The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. GON7 likely plays a supporting role to the catalytic subunit OSGEP in the complex. [UniProt]
Calculated Mw	11 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG42046 anti-GON7 / C14orf142 antibody WB image

Western blot: Jurkat whole cell lysate stained with ARG42046 anti-GON7 / C14orf142 antibody at 2 µg/ml dilution.