Datasheet for ABIN7601850

anti-EXOSC8 antibody (AA 49-216)

Go to Product page

Overview

Quantity:	100 µg
Target:	EXOSC8
Binding Specificity:	AA 49-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-EXOSC8 Antibody Picoband®
Immunogen:	E.coli-derived human EXOSC8 recombinant protein (Position: A49-H216).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-EXOSC8 Antibody Picoband® (ABIN7601850). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	EXOSC8
Alternative Name:	EXOSC8 (EXOSC8 Products)
Background:	Synonyms: Homer protein homolog 3,Homer-3,HOMER3, Tissue Specificity: Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Background: Exosome component 8, also known as EXOSC8, is a human gene, the protein product of which is part of the exosome complex This gene encodes a 3'-5' exoribonuclease that specifically interacts with mRNAs containing AU-rich elements. The encoded protein is part of the exosome complex that is important for the degradation of numerous RNA species. A pseudogene of this gene is found on chromosome 6.
Molecular Weight:	35 kDa
Gene ID:	11340
UniProt:	Q96B26
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Boczonadi, V., Muller, J. S., Pyle, A., Munkley, J., Dor, T., Quartararo, J., Ferrero, I., Karcagi, V., Giunta, M., Polvikoski, T., Birchall, D., Princzinger, A., and 15 others. EXOSC8 mutations alter mRNA metabolism and cause hypomyelination with spinal muscular atrophy and cerebellar hypoplasia. Nature Commun. 5: 4287, 2014. Note: Electronic Article. 2. Chen, C.-Y., Gherzi, R., Ong, S.-E., Chan, E. L., Raijmakers, R., Pruijn, G. J. M., Stoecklin, G., Moroni, C., Mann, M., Karin, M. AU binding proteins recruit the exosome to degrade ARE-containing mRNAs. Cell 107: 451-464, 2001. 3. Gross, M. B. Personal Communication. Baltimore, Md. 6/25/2014.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.