

Rabbit Humanin Polyclonal Antibody | anti-MTRNR2L2 antibody

Rabbit Polyclonal Anti-Humanin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14409	Rabbit	Human, Monkey	ELISA, Immunoprecipitation, Western Blot

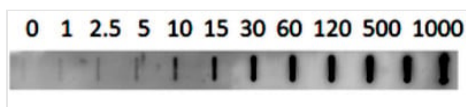
PRODUCT SYNONYMS

Humanin; Polyclonal Antibody; Rabbit Polyclonal Anti-Humanin Antibody; HN; HUNIN; MT-RNR2 antibody; anti-MTRNR2L2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Will detect all isoforms except Humanin 9.
Form/Format	Affinity Purified Immunoglobulins
Concentration	One hundred micrograms (100ug) of antibody in 175-200ul of antibody stabilization buffer. (varies by lot)
Sequence Length	28
Applicable Applications for anti-MTRNR2L2 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Recommended Dilution: ELISA: 1:10,000 Immunoprecipitation: 1:200 Western Blot: 1:500 Dot Blot: 1:10,000
Immunogen	Synthetic peptide corresponding to amino acid region 5-24 on Humanin protein
Preparation and Storage	-20• degree C for long term storage

IMAGES


WB (Western Blot)

Slot blot of Humanin antibody (AAA14409) with synthetic Humanin. 1:500 antibody dilution in DiloBuffer

ADDITIONAL INFORMATION

Related Product Information for anti-MTRNR2L2 antibody	Humanin is a peptide that is 21 or 24 amino acids long whether it is produced in the mitochondria or cytosol respectively (1). Humanin is encoded by the mi16S ribosomal RNA gene MT-RNR2 (2). Humanin is believed to have neuroprotective and cytoprotective effects. Studies have found human in and humanin derivatives increase survival and physiological parameters in Alzheimer's disease models (3). Humanin is also believed to play neuroprotective roles in Huntington's deisease, prion disease and strokes (4). Humanin may playa role in various other ailments including protection against oxidative stress, atherosclerotic plaque formation, heart attack and diabetes. (5, 6, 7, 8, 9). The pan-Humanin selective antibodies were generated using a synthetic peptide corresponding to amino acid region 5-24 on human Humanin peptide. The Humanin antibodies are affinity purified over immobilized antigen based affinity chromatography. The purified immunoglobulins are prepared in stabilization buffer for long term storage Antigenic blocking peptides (P-HUMN), and western blot positive control (pC-HUMN) in ready to use SDS-sample buffer are available Antibodies can be conjugated to fluorophores and other secondary enzymes upon request at nominal cost The pan-Humanin selective antibodies will label all Humanin isoforms except Humanin 9. Humanin 9-selective antibody (Please Inquire) is available for detection of only the Humanin 9 isoform.
Product Categories/Family for anti-MTRNR2L2 antibody	Primary Antibodies; Neuroscience; Neurodegenerative Disease; Alzheimer'; s Research; Amyloid; Humanin Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	299473783
NCBI GeneID	100462981
NCBI Accession #	NP_001177399.1
NCBI GenBank Nucleotide #	NM_001190470.1
UniProt Accession #	Q8IVG9; P0CJ69
NCBI Official Full Name	humanin-like 2
NCBI Official Synonym Full Names	MT-RNR2-like 2
NCBI Official Symbol	MTRNR2L2
NCBI Official Synonym Symbols	HN2
NCBI Protein Information	humanin-like 2
UniProt Protein Name	Humanin-like 2
UniProt Gene Name	MTRNR2L2
UniProt Synonym Gene Names	HN2
UniProt Entry Name	HMN2_HUMAN

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.