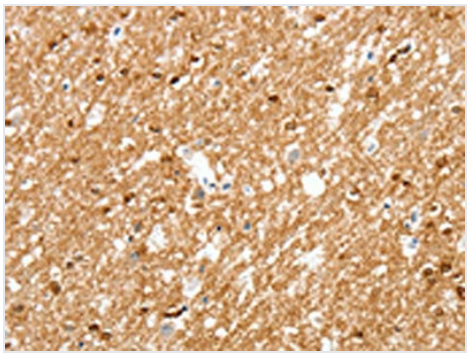
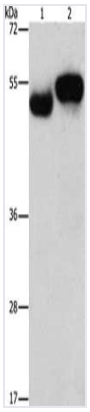
AMZ1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AMZ1, Polyclonal Antibody
Full Product Name	AMZ1 Antibody
Product Gene Name	anti-AMZ1 antibody
Product Synonym Names	archaelysin family metallopeptidase 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	31,860 Da
3D Structure	ModBase 3D Structure for Q400G9
Immunogen	Synthetic peptide of human AMZ1
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-AMZ1 antibody	Cell Biology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AMZ1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-AMZ1 antibody	ELISA: 1:2000-1:5000 WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-AMZ1 antibody	MBS7128424 is an antibody targeting AMZ1. Also known as AMZ1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-AMZ1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-AMZ1 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using MBS7128424(AMZ1 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)



SDS-Page of anti-AMZ1 antibody
Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Human fetal brain tissue, Human liver tissue, Primary antibody: MBS7128424(AMZ1 Antibody) at dilution 1/1000, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AMZ1. It may not necessarily be applicable to this product.

NCBI GI #	55741645
NCBI GeneID	155185
NCBI Accession #	NP_597720.1
UniProt Primary Accession #	Q400G9
UniProt Secondary Accession #	Q8TF51; B3KRS0
UniProt Related Accession #	Q400G9
GenBank Nucleotide #	NM_133463.3
NCBI Official Full Name	archaemetzincin-1 isoform 1
NCBI Official Synonym Full Names	archaelysin family metallopeptidase 1
NCBI Official Symbol	AMZ1
UniProt Protein Name	Archaemetzincin-1
UniProt Synonym Protein Names	Archeobacterial metalloproteinase-like protein 1
Protein Family	Archaemetzincin
UniProt Gene Name	AMZ1
UniProt Synonym Gene Names	KIAA1950
NCBI Protein Information	archaemetzincin-1
UniProt Comments for AMZ1	Zinc metalloprotease. Exhibits aminopeptidase activity against neurogranin in vitro. Does not hydrolyze angiotensin-2.
Research Articles on AMZ1	**1.** human archaemetzincin-1 and -2 are two novel members of a family of metalloproteases widely distributed in Archaea
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