

Rabbit MAX Polyclonal Antibody | anti-MAX antibody

MAX antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198249	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

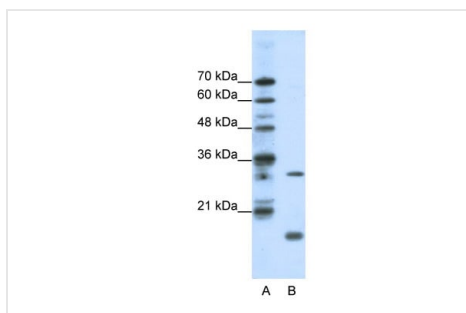
PRODUCT SYNONYMS

MAX; Polyclonal Antibody; MAX antibody - middle region; anti-MAX antibody

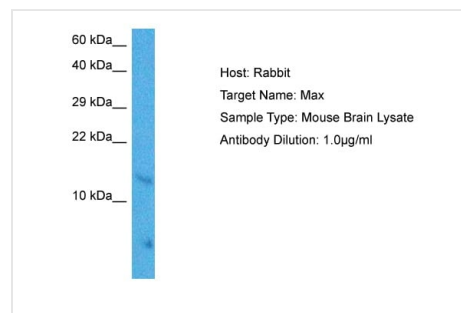
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LQ TNYPSDNL YTNAGSTIS AFDGGSDSS ESEPEEPQSR KKLREAS
Sequence Length	160
Applicable Applications for anti-MAX antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MAX
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

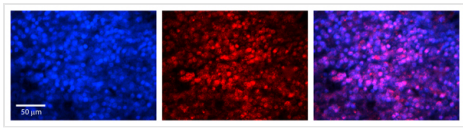
IMAGES


WB (Western Blot)

WB Suggested Anti-MAX Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Mouse Target Name: MAX Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
 Rabbit Anti-MAX Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Lymph Node
 Tissue Observed Staining: Nucleus
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MAX antibody	This is a rabbit polyclonal antibody against MAX. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MAX is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Multiple alternatively spliced transcript variants have been described for this gene but the full length nature for some of them is unknown.
Product Categories/Family for anti-MAX antibody	Polyclonal; Transcription Regulation ; Apoptosis ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	21704261
NCBI GeneID	4149
NCBI Accession #	NP_002373
NCBI GenBank Nucleotide #	NM_002382
UniProt Accession #	P61244
Molecular Weight	18kDa
NCBI Official Full Name	protein max isoform a
NCBI Official Synonym Full Names	MYC associated factor X
NCBI Official Symbol	MAX
NCBI Official Synonym Symbols	bHLHd4
NCBI Protein Information	protein max
UniProt Protein Name	Protein max
UniProt Gene Name	MAX
UniProt Synonym Gene Names	BHLHD4; bHLHd4
UniProt Entry Name	MAX_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.

