Datasheet for ABIN2780421

anti-MAX antibody (Middle Region)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	MAX
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MAX
Sequence:	LQTNYPSSDN SLYTNAKGST ISAFDGGSDS SSESEPEEPQ SRKKLRMEAS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against MAX. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MAX

Target Details

Alternative Name:	MAX (MAX Products)
Background:	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. Alias Symbols: orf1, bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8 Protein Interaction Partner: USP37, UNC45A, BANP, FBXW11, MXI1, RPL35, TUBA1A, RPL34, GABBR1, FUS, FTH1, MYC, MXD1, MGA, PLIN3, HSP90AA1, TCF3, MYCN, CPSF6, ARL6IP5, KMT2D, HNRNPH2, DYNC1H1, CSTF2, SNIP1, PPP1CC, PPP1CB, PPP1CA, USF1, PCGF6, EP400, DMAP1, WDR5, BRD8, KAT5, MNT, MAX, Protein Size: 160
Molecular Weight:	18 kDa
Gene ID:	4149
NCBI Accession:	NM_002382, NP_002373
UniProt:	P61244
Pathways:	Mitotic G1-G1/S Phases

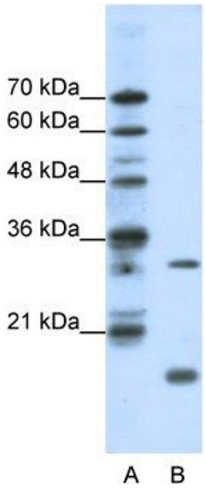
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 160 AA
Restrictions:	For Research Use only

Handling

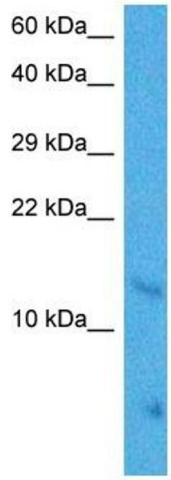
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



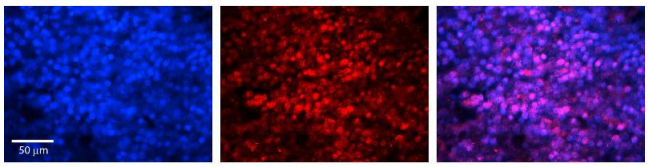
Western Blotting

Image 1. WB Suggested Anti-MAX Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Mouse Target Name: MAX Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml



Immunohistochemistry

Image 3. 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

