

ARG59338 anti-MGA antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MGA
Tested Reactivity	Hu
Predict Reactivity	Bov, Dog, Hrs, Mk, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MGA
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 2376-2415 of Human MGA. (QKEAEAFAYRRRHTANERRRRGEMRDLFEKLIKITLGLLH)
Conjugation	Un-conjugated
Alternate Names	MXD5; MAD5; MAX dimerization protein 5; MAX gene-associated protein

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MGA
Gene Full Name	MGA, MAX dimerization protein
Function	Functions as a dual-specificity transcription factor, regulating the expression of both MAX-network and T-box family target genes. Functions as a repressor or an activator. Binds to 5'-AATTCACACCTAGGTGTGAAATT-3' core sequence and seems to regulate MYC-MAX target genes. Suppresses transcriptional activation by MYC and inhibits MYC-dependent cell transformation. Function activated by heterodimerization with MAX. This heterodimerization serves the dual function of both generating an E-box-binding heterodimer and simultaneously blocking interaction of a corepressor (By similarity). [UniProt]
Calculated Mw	336 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59338 anti-MGA antibody WB image

Western blot: HeLa, MCF-7 and SW620 whole cell lysates stained with ARG59338 anti-MGA antibody at 0.5 μ g/ml dilution.