

ARG44752 anti-THOP1 / Thimet Oligopeptidase antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes THOP1 / Thimet Oligopeptidase
Tested Reactivity	Hu
Tested Application	IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	THOP1 / Thimet Oligopeptidase
Species	Human
Conjugation	Un-conjugated
Alternate Names	EP24.15; TOP; Thimet oligopeptidase; MEPD_HUMAN; EC 3.4.24.15; Endopeptidase 24.15; MP78

Application Instructions

Application table	Application	Dilution
	IP	10 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	Protein A purification
Buffer	PBS with 0.09% sodium azide
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.

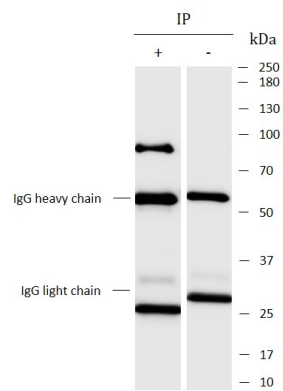
Bioinformation

Gene Symbol	THOP1
Gene Full Name	thimet oligopeptidase 1
Function	Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions

including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation. Associates with chromatin to the PITX2 P1 promoter region. [UniProt]

Calculated Mw	79 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG44752 anti-THOP1 / Thimet Oligopeptidase antibody IP image

Immunoprecipitation: K562 lysate immunoprecipitated with 2.5 µg of ARG44752 anti-THOP1 / Thimet Oligopeptidase antibody.