antibodies -online.com







anti-MGMT antibody (AA 101-207)

Images



Publication



Overview

Quantity:	100 μL
Target:	MGMT
Binding Specificity:	AA 101-207
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MGMT
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse
Purification:	Purified by Protein A.

Target Details

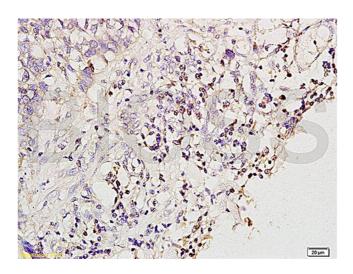
Target Details

rarget Details	
Alternative Name:	MGMT (MGMT Products)
Background:	Synonyms: Methylated-DNAprotein-cysteine methyltransferase, 6-0-methylguanine-DNA
	methyltransferase, MGMT, O-6-methylguanine-DNA-alkyltransferase
	Background: Involved in the cellular defense against the biological effects of O6-methylguanine
	(O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl
	group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the
	enzyme is irreversibly inactivated.
Gene ID:	4255
UniProt:	P16455
Pathways:	DNA Damage Repair, Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Product cited in:

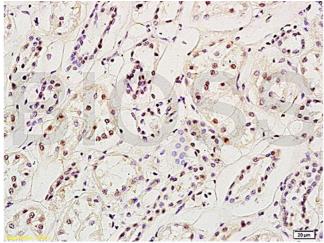
Oláh, Kálmán, Tóth, Zvara, Sántha, Ivitz, Janka, Pákáski: "Proteomic Analysis of Cerebrospinal Fluid in Alzheimer's Disease: Wanted Dead or Alive." in: **Journal of Alzheimer's disease: JAD**, (2014) (PubMed).

Images



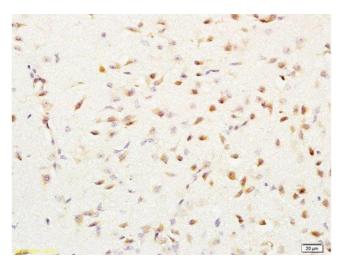
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-MGMT Polyclonal Antibody (ABIN730768), Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-MGMT Polyclonal Antibody (ABIN730768), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded human lung cancer labeled with Rabbit Anti-MGMT Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

•	
	Please check the product details page for more images. Overall 4 images are available for ABIN730768.