Datasheet for ABIN1859826

anti-MIF antibody (AA 4-112)

3 Images

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Overview

Quantity:	100 µL
Target:	MIF
Binding Specificity:	AA 4-112
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Macrophage Migration Inhibitory Factor (MIF)
Immunogen:	Active Macrophage Migration Inhibitory Factor (MIF)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MIF. It has been selected for its ability to recognize MIF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	MIF
Alternative Name:	Macrophage Migration Inhibitory Factor (MIF Products)
Background:	GIF, GLIF, MMIF, Glycosylation-Inhibiting Factor, L-dopachrome isomerase, L-dopachrome tautomerase, Phenylpyruvate tautomerase
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Regulation of Carbohydrate Metabolic Process, Feeding Behaviour, Smooth Muscle Cell Migration, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

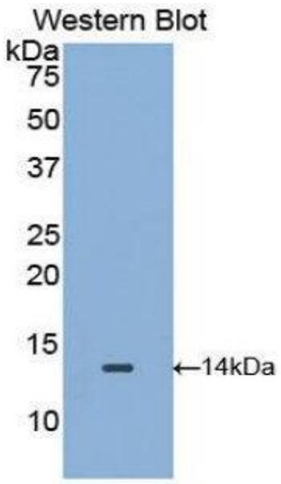
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C,-20 °C

Handling

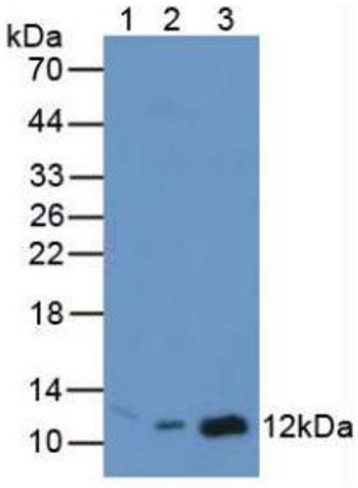
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

Images



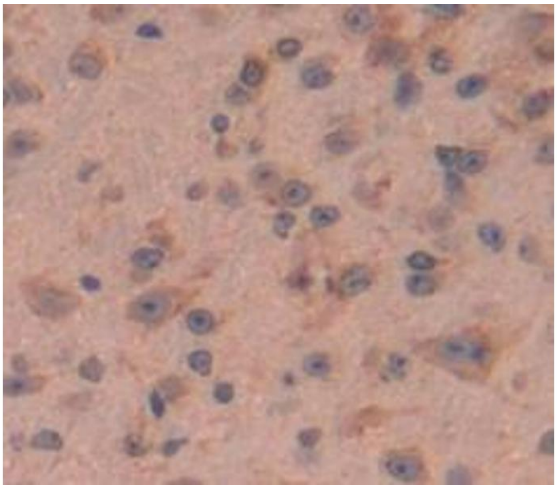
Western Blotting

Image 1.



Western Blotting

Image 2. Figure. Western Blot; Sample: Lane1: Mouse Brain Tissue; Lane2: Mouse Breast Tissue; Lane3: Mouse Kidney Tissue.



Immunohistochemistry

Image 3. Figure.DAB staining on IHC-P. Samples: Mouse Tissue