Datasheet for ABIN3201294

anti-Leptin antibody (AA 22-167)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Leptin (LEP)
Binding Specificity:	AA 22-167
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Leptin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Leptin (LEP)
Immunogen:	Recombinant Leptin (LEP) corresdonding to Val22~Cys167 with N-terminal His Tag
Sequence:	MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF- VPIQKVQDD TKTLIKTIVT RINDISHTQS VSAKQRVTGL DFIPGLHPIL SLSKMDQTLA VYQQVLTSLP SQNVLQIAND LENLRDLLHL LAFSKSCSLP QTSGLQKPES LDGVLEASLY STEVVALSRL QGSLQDILQQ LDVSPEC
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against LEP. It has been selected for its ability to recognize LEP in immunohistochemical staining and western blotting.

Product Details

Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Leptin (LEP)
Alternative Name:	Leptin (LEP Products)
Background:	OB, OBS, Obesity Homolog, Obesity Factor, Obese Protein
Pathways:	JAK-STAT Signaling, AMPK Signaling, Hormone Transport, Peptide Hormone Metabolism, Hormone Activity, Negative Regulation of Hormone Secretion, Regulation of Carbohydrate Metabolic Process, Feeding Behaviour, Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

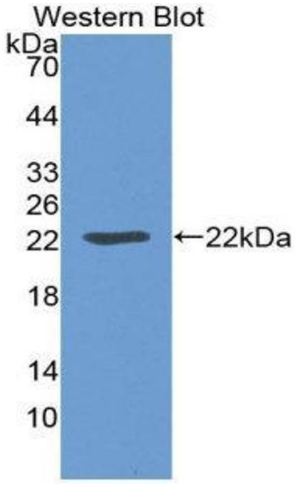
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
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

Handling

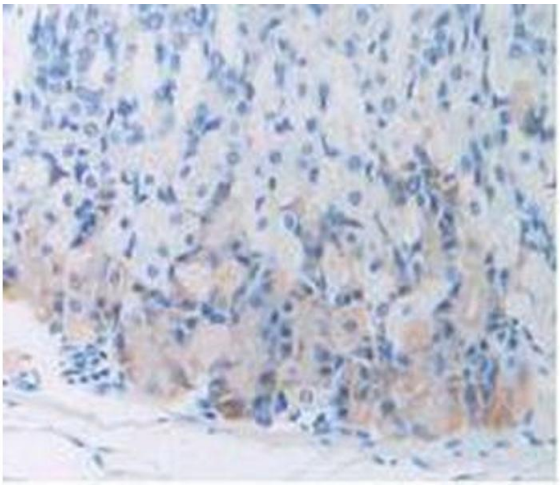
	azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze/thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

Images



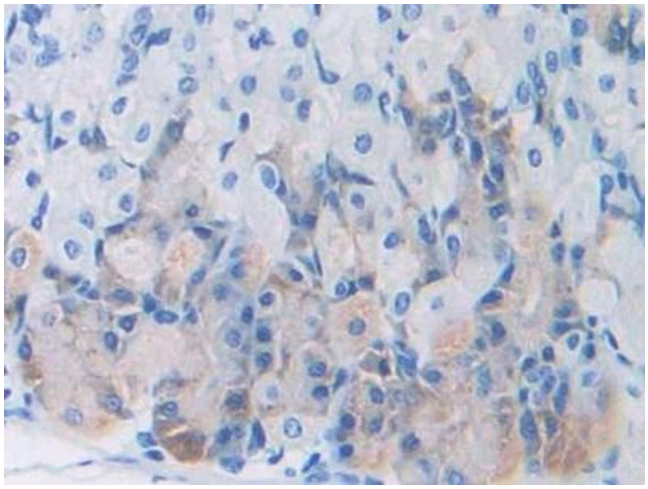
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Figure. DAB staining on IHC-P; Samples: Mouse Stomach Tissue.



Immunohistochemistry

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

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