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Datasheet for ABIN914399

anti-SELENBP1 antibody (AA 401-472) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	SELENBP1
Binding Specificity:	AA 401-472
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SELENBP1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SBP1/Selenium Binding Protein 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SELENBP1
Alternative Name:	Selenium Binding Protein 1 (SELENBP1 Products)

Target Details

Background:	<p>Synonyms: SBP, SBP1, Selenbp2, Selenium binding protein 2, Selenium binding protein1, SELNBP1, SP56, 56 kDa selenium binding protein.</p> <p>Background: Selenium is an essential trace element that confers tolerance to toxicity arising through exposure to heavy metals or other reactive xenobiotics. Selenium exhibits potent anticarcinogenic properties, and deficiency of selenium may cause certain neurologic diseases. Both effects are attributed to selenium-binding proteins. Selenium binding protein 1 is down-regulated in lung adenocarcinoma, colorectal cancer and ovarian cancer. It is two-fold upregulated in the brains of patients suffering from schizophrenia, and is therefore a biomarker for this disease.</p>
Gene ID:	1954
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months