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Datasheet for ABIN5010782

anti-SNAP91 antibody (AA 201-300) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	SNAP91
Binding Specificity:	AA 201-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAP91 antibody is conjugated to Alexa Fluor 750
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 AP180
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	SNAP91
Alternative Name:	SNAP91/AP180 (SNAP91 Products)

Target Details

Background: Synonyms: AP 180, AP3, Assembly Protein 180 kDa, Assembly Protein AP180, CALM, Clathrin coat assembly protein, Clathrin coat assembly protein AP180, Clathrin coat associated protein AP180, DKFZp7810051, F120, KIAA0656, NP185, pp155, SNAP 91, SNAP91, 91 kDa synaptosomal associated protein, Synaptosomal associated protein 91 kD homolog, Synaptosomal associated protein 91 kDa homolog, AP180_HUMAN.

Background: Clathrin-coated pits and vesicles are assembled for receptor-mediated endocytosis through interaction with Clathrin associated protein complexes. Vesicle transport is mediated from the trans-Golgi network by the adapter complex AP-1 and from the plasma membrane by the AP-2 complex. The AP-1 and AP-2 adapter protein complexes consist of Clathrin binding Adaptin proteins (g and b1 for AP-1, a and b2 for AP-2) and two smaller subunits known as AP50 and AP17. The a and b Adaptin chains have a similar two-domain organization with C-terminal domains that vary in both sequence and length. a-Adaptin splice variants A and C display variable relative expression levels and differential distribution in different tissues. AP-3 (also designated AP180 or F1-20) is a synapse-specific Clathrin assembly protein. The protein CALM (Clathrin assembly protein lymphoid myeloid leukemia) is highly homologous to AP180 and may also be involved in Clathrin assembly.

Application Details

Application Notes: 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: 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

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months