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Datasheet for ABIN6265372

anti-SULT4A1 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	SULT4A1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT4A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human SULT4A1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	SULT4A1 Antibody detects endogenous levels of total SULT4A1.
Predicted Reactivity:	Bovine,Horse,Sheep,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	SULT4A1
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Target Details

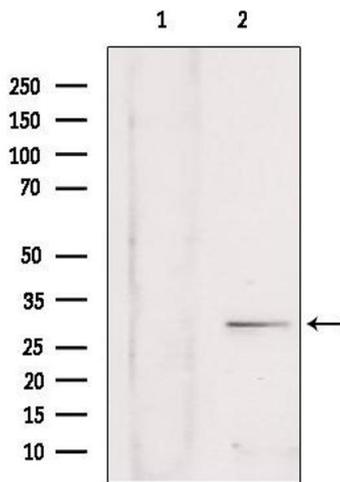
Alternative Name:	SULT4A1 (SULT4A1 Products)
Background:	Description: Atypical sulfotransferase family member with very low affinity for 3'-phospho-5'-adenyl sulfate (PAPS) and very low catalytic activity towards L-triiodothyronine, thyroxine, estrone, p-nitrophenol, 2-naphthylamine, and 2-beta-naphthol. May have a role in the metabolism of drugs and neurotransmitters in the CNS. Gene: SULT4A1
Molecular Weight:	30-33 kDa
Gene ID:	25830
UniProt:	Q9BR01

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

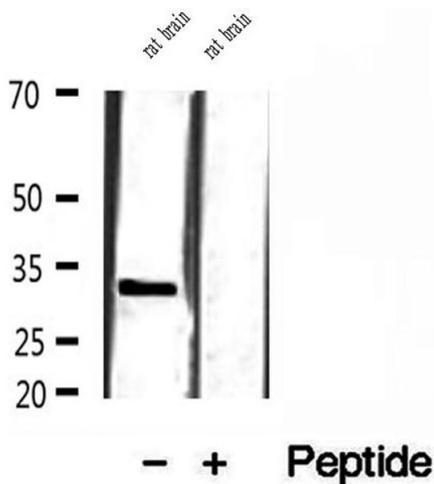
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



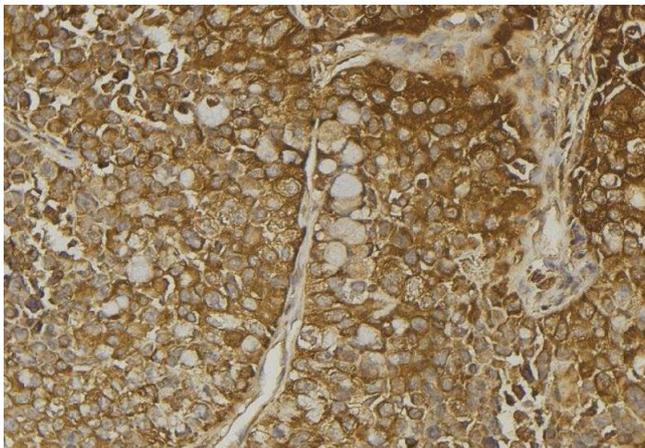
Western Blotting

Image 1. Western blot analysis of extracts from rat brain, using SULT4A1 antibody. Lane 1 was treated with the blocking peptide.



Western Blotting

Image 2. Western blot analysis of extracts of rat brain tissue, using SULT4A1 antibody.



Immunohistochemistry

Image 3. ABIN6272932 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary