

# SULT4A1 Polyclonal Antibody

catalog number: E-AB-18956

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

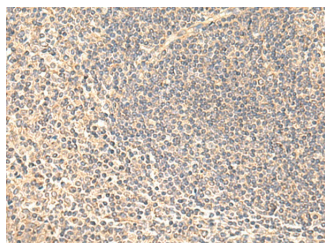
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Fusion protein of human SULT4A1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

## Applications

## Recommended Dilution

<b>IHC</b>	1:50-1:300
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## Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using SULT4A1 Polyclonal Antibody at dilution of 1:65( $\times 200$ )

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

SULT4A1,also named as SULTX3,NST,ST4A1,hBR-STL and hBR-STL-1,belongs to the sulfotransferase 1 family. It may catalyze the sulfate conjugation of many drugs,xenobiotic compounds,hormones,and neurotransmitters. SULT4A1 displays activity towards L-triiodothyronine,thyroxine,estrone,p-nitrophenol,2-naphtylamine,and 2-naphtol. It may have a role in the sulfation of drugs and neurotransmitters in the CNS. SULT4A1 is a brain-specific sulfotransferase believed to be involved in the metabolism of neurotransmitters. It is a novel cytosolic sulfotransferase that is primarily expressed in the brain.

## For Research Use Only