

Product datasheet

Anti-COMT antibody ab118908

2 Images

Overview

<b>Product name</b>	Anti-COMT antibody
<b>Description</b>	Rabbit polyclonal to COMT
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to the N-terminal domain of Human COMT.
<b>Positive control</b>	Human Adrenal and Human Liver tissues

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab118908** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml.

Target

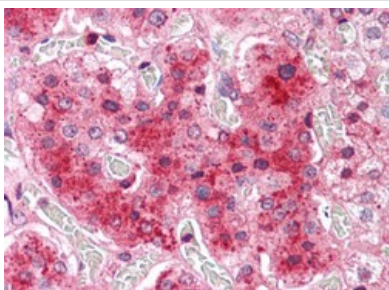
<b>Function</b>	Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones. Also shortens the biological half-lives of certain neuroactive drugs, like L-DOPA, alpha-methyl DOPA and isoproterenol.
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<b>Tissue specificity</b>	Brain, liver, placenta, lymphocytes and erythrocytes.
<b>Sequence similarities</b>	Belongs to the mammalian catechol-O-methyltransferase family.
<b>Post-translational modifications</b>	The N-terminus is blocked.
<b>Cellular localization</b>	Cytoplasm and Cell membrane.

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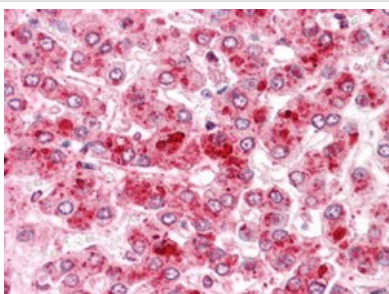
### Anti-COMT antibody images

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Human Adrenal tissue, Formalin-Fixed, Paraffin-Embedded (FFPE) stained using ab118908 at a concentration of 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COMT antibody (ab118908)



Human Liver tissue Formalin-Fixed, Paraffin-Embedded (FFPE) stained using ab118908 at a concentration of 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COMT antibody (ab118908)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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