

Product datasheet

Anti-COMT antibody ab118908

2 Images

Overview

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

Properties

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

Applications

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

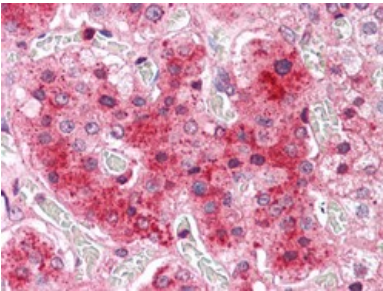
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

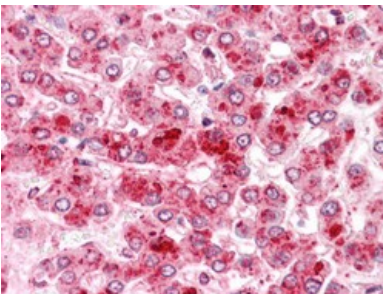
Function	Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones. Also shortens the biological half-lives of certain neuroactive drugs, like L-DOPA, alpha-methyl DOPA and isoproterenol.
Tissue specificity	Brain, liver, placenta, lymphocytes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

Images



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)

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