

Datasheet for ABIN2775335
anti-NNMT antibody (N-Term)[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NNMT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NNMT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NNMT
Sequence:	MESGFTSKDT YLSHFNPRDY LEKYYKFGSR HSAESQILKH LLKNLFKIFC
Predicted Reactivity:	Dog: 93%, Human: 100%, Mouse: 100%, Pig: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NNMT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	NNMT
Alternative Name:	NNMT (NNMT Products)

Target Details

Background:	<p>N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. NNMT responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor. N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. This gene encodes the protein responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor.</p> <p>Protein Interaction Partner: UBC, BMF, ATF6, APP,</p> <p>Protein Size: 264</p>
Molecular Weight:	29 kDa
Gene ID:	4837
NCBI Accession:	NM_006169 , NP_006160
UniProt:	P40261

Application Details

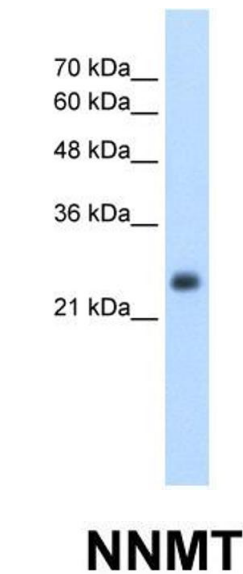
Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Antigen size: 264 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

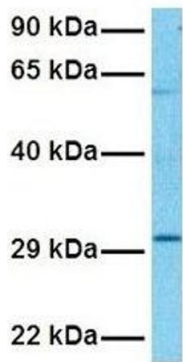
Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



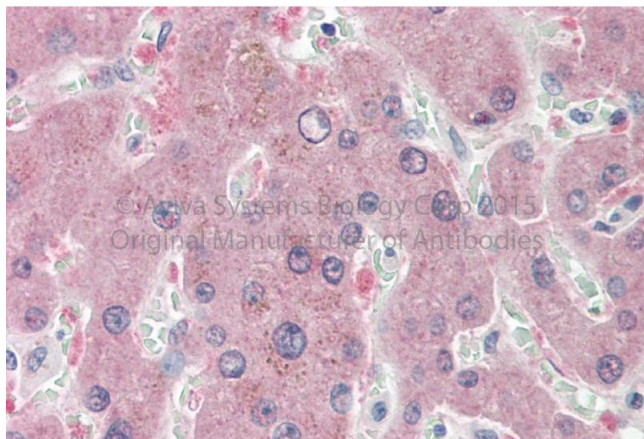
Western Blotting

Image 1. WB Suggested Anti-NNMT Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: NNMT Sample Tissue: Human Hela Antibody Dilution: 1.0ug/ml



Immunohistochemistry

Image 3. Rabbit Anti-NNMT antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2775335.