

Anti-DMRT3 antibody

Cat. No.	ml122241
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-DMRT3 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human DMRT3
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DMRT3
Full name	doublesex and mab-3 related transcription factor 3
Synonyms	DMRTA3
Swissprot	Q9NQL9

Target Background

The DMRT (doublesex and mab-3 related transcription factor) genes encode a large family of transcription factors that are related to the Drosophila doublesex proteins. Expressed primarily in the gonads, DMRT proteins contain cysteine-rich DNA-binding motifs and are thought to play an important role in sexual development. DMRT3 (doublesex and mab-3 related transcription factor 3), also known as DMRTA3, is a 472 amino acid protein that contains one DM DNA-binding domain and belongs to the DMRT family. Localized to the nucleus, DMRT3 is expressed specifically in testis and is thought to regulate transcriptional events during early sexual development. The gene encoding DMRT3 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

订购热线: 4008-898-798

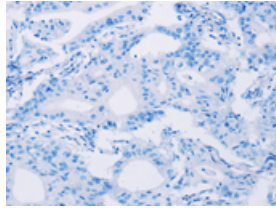
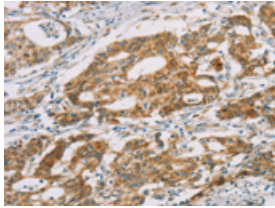
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human gastric cancer

Recommended dilution: 25-100

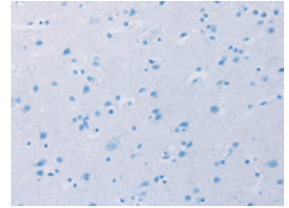
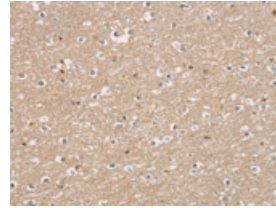


The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml122241(DMRT3 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml122241(DMRT3 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 51 kDa

Positive control: Mouse stomach and brain tissue

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

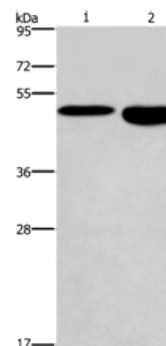
Lysate: 40 μ g

Lane 1-2: Mouse stomach tissue, Mouse brain tissue

Primary antibody: ml122241(DMRT3 Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-5000

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