

Anti-TMOD2 antibody (1-100) [S3MR] (STJ11103123)
STJ11103123

GENERAL INFORMATION

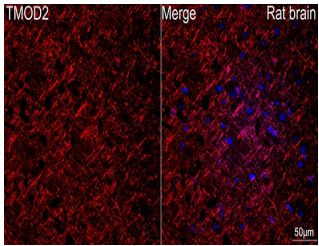
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

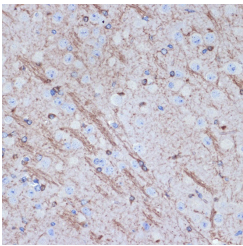
Clonality	Monoclonal
Clone ID	S3MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

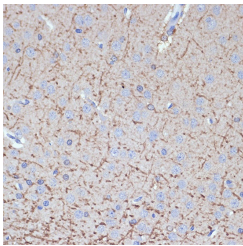
Gene ID	29767
Gene Symbol	TMOD2
Uniprot ID	TMOD2_HUMAN
Immunogen	
Immunogen Region	1-100
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TMOD2 (Q9NZR1).
Immunogen Sequence	MALPFQKELEKYKNIDEDEL LGKLSSEELKQLENVLDLDD PESAMLPAGFRQKDQTKAA TGPFDREHLLMYLEKEALEQ KDREDFVPFTGEKKGRVFIP



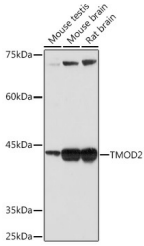
Confocal imaging of a paraffin-embedded Rat brain tissue using TMOD2 Rabbit monoclonal antibody (STJ11103123, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of TMOD2 in paraffin-embedded mouse brain using TMOD2 Rabbit monoclonal antibody (STJ11103123) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TMOD2 in paraffin-embedded rat brain using TMOD2 Rabbit monoclonal antibody (STJ11103123) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using TMOD2 Rabbit monoclonal antibody (STJ11103123) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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