

# Product Data Sheet

## Anti-TMC1 Antibody

Catalog #	Source	Reactivity	Applications
CQA3530	Rabbit	H, M	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to TMC1		
<b>Immunogen</b>	KLH-conjugated synthetic peptide of human TMC1		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of TMC1 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	TMC1		
<b>Alternative Names</b>	Transmembrane channel-like protein 1; Transmembrane cochlear-expressed protein 1		
<b>Entrez Gene</b>	117531 (Human); 13409 (Mouse)		
<b>SwissProt</b>	Q8TDI8 (Human); Q8R4P5 (Mouse)		
<b>Storage/Stability</b>	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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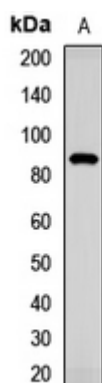
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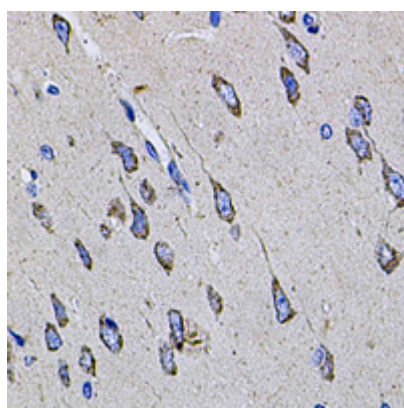
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Western blot analysis of TMC1 expression in mouse eye (A) whole cell lysates. (Predicted band size: 87 kD; Observed band size: 88 kD)



Immunohistochemical analysis of TMC1 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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