

## Anti-TMEM30A Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 41 kDa. Actual: 40 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (TMEM30A) Polyclonal Antibody, Unconjugated (TMAB-13601) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
	2. Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (TMEM30A) Polyclonal Antibody, Unconjugated (TMAB-13601) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
	3. Sample: Lane 1: Rat Liver tissue lysates Lane 2: Rat Kidney tissue lysates Primary: Anti-TMEM30A (TMAB-13601) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 40 kDa
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:400-800; IF: 1:100-500

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human TMEM30A
Antigen Species:	Human
Gene ID:	55754
Uniprot ID:	Q9NV96

### Research Background

Enables aminophospholipid flippase activity. Involved in several processes, including phospholipid transport; positive regulation of transport; and xenobiotic transmembrane transport. Located in endoplasmic reticulum and

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plasma membrane. Part of phospholipid-translocating ATPase complex. [provided by Alliance of Genome Resources, Nov 2021]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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