

Anti-TM7SF2 Polyclonal Antibody

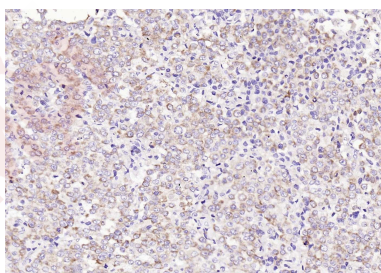
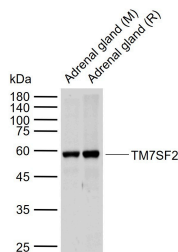
Product Details

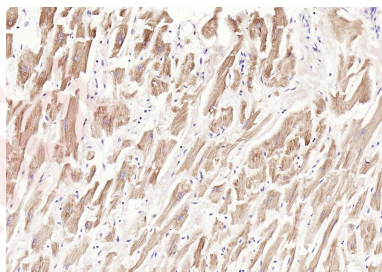
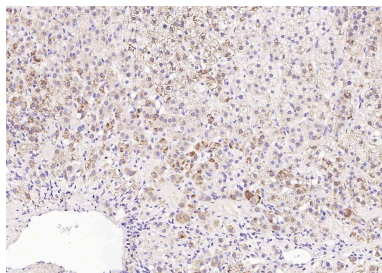
Ig Type: IgG
 Reactivity: Human, Mouse, Rat (predicted: Cow, Rabbit, Sheep)
 Molecular Weight: Theoretical: 46 kDa. Actual: 58 kDa.
 Purification: Protein A purified

Applications

Verified Activity:

- Sample:**
 Lane 1: Mouse Adrenal gland tissue lysates
 Lane 2: Rat Adrenal gland tissue lysates
 Primary: Anti-TM7SF2 (TMAB-01864) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 46 kDa
 Observed band size: 58 kDa
- Paraformaldehyde-fixed, paraffin embedded (Human prostatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (TM7SF2) Polyclonal Antibody, Unconjugated (TMAB-01864) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded (Human adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (TM7SF2) Polyclonal Antibody, Unconjugated (TMAB-01864) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
- Paraformaldehyde-fixed, paraffin embedded (Human heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (TM7SF2) Polyclonal Antibody, Unconjugated (TMAB-01864) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: 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 TM7SF2/DHCR14A

Antigen Species: Human

Gene ID: 7108

Uniprot ID: O76062

Synonyms: Another new gene 1 protein;delta-14-SR;Sterol C14 reductase;ANG1;Transmembrane 7 superfamily member 2;Putative sterol reductase SR 1;delta(14) sterol reductase;DHCR14A; NET47;C 14 sterol reductase;TM7SF2;delta 14 SR;ERG24

Research Background

Involved in the conversion of lanosterol to cholesterol. Expressed in adult heart, brain, pancreas, lung, liver, skeletal muscle, kidney, ovary, prostate, and testis, but not detected in placenta, spleen, thymus, small intestine, colon (mucosal lining), or peripheral blood leukocytes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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