

## Anti-C4orf52 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 7.7/18 kDa. Actual: 18 kDa.
Purification:	Protein A purified

### Applications

1. Tissue/cell: Rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-C4orf52 Polyclonal Antibody, Unconjugated (TMAB-03449) 1:5000, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
2. Sample: muscle (Mouse) Lysate at 40 µg  
Primary: Anti-C4orf52 (TMAB-03449) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 18 kD  
Observed band size: 18 kD
3. Sample: heart (Mouse) Lysate at 40 µg  
Primary: Anti-C4orf52 (TMAB-03449) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 18 kD  
Observed band size: 18 kD
4. Paraformaldehyde-fixed, paraffin embedded (rat testis); 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; Antibody incubation with (C4orf52) Polyclonal Antibody, Unconjugated (TMAB-03449) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded (rat stomach); 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; Antibody incubation with (C4orf52) Polyclonal Antibody, Unconjugated (TMAB-03449) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded (human 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; Antibody incubation with (C4orf52) Polyclonal Antibody, Unconjugated (TMAB-03449) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

Verified Activity:

Observed band size: 18 kD

## A DRUG SCREENING EXPERT

---

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

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; 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 C4orf52

Antigen Species: Human

Gene ID: 389203

Uniprot ID: Q8N5G0

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481

---