

## Anti-OIT3 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Cow)
Molecular Weight:	Theoretical: 51 kDa. Actual: 51 kDa.
Purification:	Protein A purified

### Applications

#### 1. Sample:

Liver (Mouse) Lysate at 40 µg

Primary: Anti-OIT3 (TMAB-01283) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

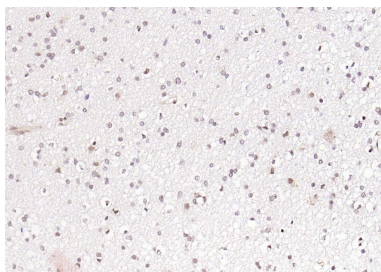
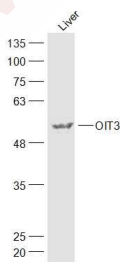
Predicted band size: 51 kDa

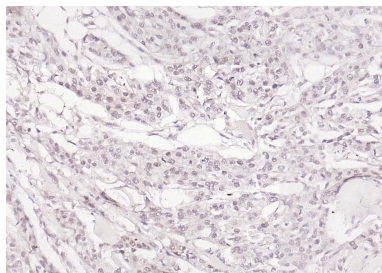
Observed band size: 51 kDa

#### Verified Activity:

2. Paraformaldehyde-fixed, paraffin embedded (human glioma); 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 (OIT3) Polyclonal Antibody, Unconjugated (TMAB-01283) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

3. Paraformaldehyde-fixed, paraffin embedded (human skin 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 (OIT3) Polyclonal Antibody, Unconjugated (TMAB-01283) 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

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#### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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#### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human OIT3

Antigen Species: Human

Gene ID: 170392

Uniprot ID: Q8WWZ8

Synonyms: OIT3;Liver specific ZP domain containing protein;Oncoprotein induced transcript 3;LZP;Liver specific zona pellucida domain containing protein

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#### Research Background

OIT3 contains one EGF-like domain and one ZP domain. It may be involved in hepatocellular function and development. OIT3 is liver-specific and is expressed only in the hepatocytes; down-regulated in hepatocellular carcinoma (HCC) and HCC cell lines. There are two named isoforms.

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

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

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