

## Anti-FOXD1 Polyclonal Antibody 2

## Product Details

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

## Applications

Verified Activity:	Sample: Cerebrum (Rat) Lysate at 40 µg Primary: Anti-FOXD1 (TMAB-06116) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD
Application:	WB
Recommended	WB: 1:500-2000

## 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 FOXD1
Antigen Species:	Human
Gene ID:	2297
Uniprot ID:	Q16676

## Research Background

FOXD1 is involved in regulating inflammation as well as kidney and retinal development. FOXD1 regulates the activity of NFAT and NFkB. Deficiency of FOXD1 results in multiorgan systemic inflammation, exaggerated Th cell-derived cytokine production, and T cell proliferation in autologous MLRs. In kidneys, FOXD1 controls the production of signals required for the normal transition of induced mesenchyme into tubular epithelium and full growth and branching of the collecting system. Deletion of FOXD1 results in renal abnormalities. FOXD2 acts as a modulator of T cell activation.

**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