

## Anti-C21orf55 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 46 kDa. Actual: 43 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: A431 Cell (Human) Lysate at 40 µg Primary: Anti-C21orf55 (TMAB-03397) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 43 kD
	2. Sample: HepG2 Cell (Human) Lysate at 40 µg Primary: Anti-C21orf55 (TMAB-03397) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 43 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 C21orf55
Antigen Species:	Human
Gene ID:	54943
Uniprot ID:	Q9NX36

### Research Background

The smallest of the human chromosomes, 21 makes up about 1.5% of the human genome. Chromosome 21 contains nearly 300 genes and 47 million base pairs. Down syndrome, also known as trisomy 21, is the disease most commonly associated with chromosome 21. Alzheimer's disease, Jervell and Lange-Nielsen syndrome and amyotrophic lateral sclerosis are also associated with chromosome 21. Translocations are found to occur between chromosome 21 and 8, and chromosome 21 and 12, in certain leukemias. DnajC28 (Dnaj homolog subfamily C member 28), also known as C21orf55, C21orf78 or MGC27620 is a 388 amino acid protein that is expressed in the fetal and adult brain, testis, uterus, spleen and liver. It has been suggested that DnajC28 may play a role in protein folding or as a chaperone. The DnajC28 gene product has been provisionally designated DnajC28 pending further characterization.

**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