

Anti-UGDH Antibody (8N278)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 55 kDa.
Clone:	8N278
Purification:	Protein G purified

Applications

	<p>1. Cell line: HeLa Fixative: 4% Paraformaldehyde Permeabilization: 0.1% TritonX-100 Primary Ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Mouse IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for TMAB-13980</p> <p>2. Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:5000 Primary Ab incubation condition: 2 hours at room temperature Secondary Ab: Goat Anti-Mouse IgG H&L (HRP)</p>
Verified Activity:	<p>Lysate: 1: HeLa, 2: HepG2, 3: Rat Liver, 4: F9 Protein loading quantity: 20 µg Exposure time: 3 s Predicted MW: 55 kDa Observed MW: 55 kDa</p> <p>3. Tissue: Human prostatic hyperplasia Section type: Formalin fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100 Primary Ab incubation condition: 1 hour at room temperature Secondary Ab: SP Kit (Mouse) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for TMAB-13980</p>
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF
Recommended	WB: 1:1000-5000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:50-200; IF: 1:100-500

A DRUG SCREENING EXPERT

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

Gene ID: 7358

Research Background

The protein encoded by this gene converts UDP-glucose to UDP-glucuronate and thereby participates in the biosynthesis of glycosaminoglycans such as hyaluronan, chondroitin sulfate, and heparan sulfate. These glycosylated compounds are common components of the extracellular matrix and likely play roles in signal transduction, cell migration, and cancer growth and metastasis. The expression of this gene is up-regulated by transforming growth factor beta and down-regulated by hypoxia. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]

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