

Anti-TDRKH Antibody (6R551)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	6R551
Purification:	Protein G purified

Applications

	Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
Verified Activity:	Lysate: SH-SY5Y, Rat brain, Mouse brain, HeLa
	Protein loading quantity: 20 µg
	Exposure time: 3 s
	Predicted MW: 67-70 kDa
	Observed MW: 67-70 kDa
Application:	WB
Recommended	WB: 1:500-1000

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:	2296
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Research Background

Binding of FREAC-3 and FREAC-4 to their cognate sites results in bending of the DNA at an angle of 80-90 degrees. Involvement in disease; Defects in FOXC1 are the cause of Axenfeld-Rieger syndrome type 3 (RIEG3); also known as Axenfeld-Rieger syndrome (ARS) or Axenfeld syndrome or Axenfeld anomaly. It is characterized by posterior corneal embryotoxon, prominent Schwalbe line and iris adhesion to the Schwalbe line. Other features may be hypertelorism (wide spacing of the eyes), hypoplasia of the malar bones, congenital absence of some teeth and mental retardation. When associated with tooth anomalies, the disorder is known as Rieger syndrome. Glaucoma is a progressive blinding condition that occurs in approximately half of patients with Axenfeld-Rieger malformations.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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