

Anti-GRF2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Cow, Sheep)
Molecular Weight:	Theoretical: 140 kDa. Actual: 140 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Placenta (Mouse) Lysate at 40 µg Primary: Anti-GRF2 (TMAB-06766) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 120 kD
	2. Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human HL-60 cell lysates Lane 3: Human JAR cell lysates Lane 4: Human HeLa cell lysates Primary: Anti-GRF2 (TMAB-06766) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kDa Observed band size: 140 kDa
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 GRF2
Antigen Species:	Human
Gene ID:	2889
Uniprot ID:	Q13905

Research Background

This gene encodes a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade that may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]

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