

Anti-FAM161A Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog)
Molecular Weight:	Theoretical: 77 kDa. Actual: 77 kDa.
Purification:	Protein A purified

Applications

Sample:	Siha (Human) Cell Lysate at 30 µg U2os (Human) Cell Lysate at 30 µg
Verified Activity:	Primary: Anti-FAM161A (TMAB-05840) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 77 kD Observed band size: 77 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 FAM161A
Antigen Species:	Human
Gene ID:	84140
Uniprot ID:	Q3B820

Research Background

Isoform 1 and isoform 3 are widely expressed with highest levels in retina and testis, with isoform 1 being the most abundant in all tissues tested.

Involvement in disease: Defects in FAM161A are the cause of retinitis pigmentosa type 28 (RP28) . A retinal dystrophy belonging to the group of pigmentary retinopathies. Retinitis pigmentosa is characterized by retinal pigment deposits visible on fundus examination and primary loss of rod photoreceptor cells followed by secondary loss of cone photoreceptors. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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