

## Anti-FAM153B Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 44 kDa. Actual: 40 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: A549 Cell (Human) Lysate at 40 µg Primary: Anti-FAM153B (TMAB-05836) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 40 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 FAM153B
Antigen Species:	Human
Gene ID:	202134
Uniprot ID:	P0C7A2

## Research Background

FAM153A, FAM153B and FAM153C are 310, 387 and 144 amino acid proteins, respectively, that are encoded by a genes mapping to human chromosome 5. With 181 million base pairs encoding around 1,000 genes, chromosome 5 is about 6% of human genomic DNA. It is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

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