

## Anti-CELF3 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Pig,Cow)
Molecular Weight:	Theoretical: 52 kDa. Actual: 42-55 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample:
	Lane 1: Mouse Cerebrum tissue lysates
	Lane 2: Mouse Cerebellum tissue lysates
	Lane 3: Rat Cerebrum tissue lysates
	Lane 4: Rat Cerebellum tissue lysates
	Lane 5: Human SH-SY5Y cell lysates
	Primary: Anti-CELF3 (TMAB-04217) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 52 kD
	Observed band size: 42-55 kD
	2. Sample:
	HepG2 (human) cell Lysate at 40 µg
	A549 (human) cell Lysate at 40 µg
	Primary: Anti-CELF3 (TMAB-04217) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52 kD	
Observed band size: 57 kD	
3. Sample: Lovo (human) cell Lysate at 40 µg	
Primary: Anti-CELF3 (TMAB-04217 ) at 1/300 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 52 kD	
Observed band size: 57 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 CELF3  
Antigen Species: Human  
Gene ID: 11189  
Uniprot ID: Q5SZQ8

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### Research Background

Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2010]

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