

## Anti-NLRP14 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 125 kDa. Actual: 130 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample:
	DU145 (Human) Cell Lysate at 30 µg
	LOVo (Human) Cell Lysate at 30 µg
	Primary: Anti-NLRP14 (TMAB-09519) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 125 kD
	Observed band size: 125 kD
	2. Sample:
	Lane 1: Mouse Testis tissue lysates
	Lane 2: Mouse Ovary tissue lysates
Lane 3: Rat Testis tissue lysates	
Lane 4: Human SiHa cell lysates	
Lane 5: Human JAR cell lysates	
Primary: Anti-NLRP14 (TMAB-09519) at 1/1000 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 125 kDa	
Observed band size: 138 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 NLRP14
Antigen Species:	Human
Gene ID:	338323
Uniprot ID:	Q86W24

### Research Background

The protein encoded by this gene belongs to the NALP protein family. Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an

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N-terminal pyrin domain (PYD). This protein may play a regulatory role in the innate immune system as similar family members belong to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5. [provided by RefSeq, Jul 2008]

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481