

## Anti-NGAL/Lipocalin 2 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 20 kDa. Actual: 20-25 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: A549 (Human) Cell Lysate at 30 µg Primary: Anti-NGAL (TMAB-09457) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 20 kD Observed band size: 25 kD 2. Sample: Lane 1: Recombinant human NGAL protein, His (HEK293) Primary: Anti-NGAL/Lipocalin 2 (TMAB-09457) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 20 kDa Observed band size: 20 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:	Recombinant Protein: human NGAL
Antigen Species:	Human
Gene ID:	3934
Uniprot ID:	P80188

### Research Background

Lipocalin 2 is a member of the lipocalin family which encompass more than 25 members (including proteins like retinol binding protein, a1 microglobulin, b lactoglobulin, apolipoprotein D and odorant binding protein). The members of the lipocalin family are characterized by their ability to bind small lipophilic substances in their hydrophobic core, and thereby serve as transporters of substances.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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