

## Anti-HRH3 Polyclonal Antibody 3

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 49 kDa. Actual: 49 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample:
	JurkaT (Human) Cell Lysate at 30 µg
	U251 (Human) Cell Lysate at 30 µg
	Primary: Anti-HRH3 (TMAB-07293) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 49 kD
	Observed band size: 49 kD
	2. Sample: Brain (Mouse) Lysate at 40 µg
	Primary: Anti-HRH3 (TMAB-07293) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 49 kD
	Observed band size: 49 kD
3. Sample: Brain (Rat) Lysate at 40 µg	
Primary: Anti-HRH3 (TMAB-07293) at 1/300 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 49 kD	
Observed band size: 49 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 HRH3
Antigen Species:	Human
Gene ID:	11255
Uniprot ID:	Q9Y5N1

### Research Background

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. This gene encodes one of the histamine

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receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system. [provided by RefSeq, Jul 2008].

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

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