

# Thrombin Receptor Rabbit pAb

CatalogNo: YT4645 **Orthogonal Validated** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC, IF, ELISA

### MW

- 48kD (Observed)

### Isotype

- IgG

## Recommended Dilution Ratios

**WB 1:500-1:2000****ELISA 1:5000****IF 1:50-200**

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human Thrombin Receptor. AA range: 10-59**Specificity** Thrombin R Polyclonal Antibody detects endogenous levels of Thrombin R protein.

## Target Information

**Gene name** F2R

**Protein Name** Proteinase-activated receptor 1

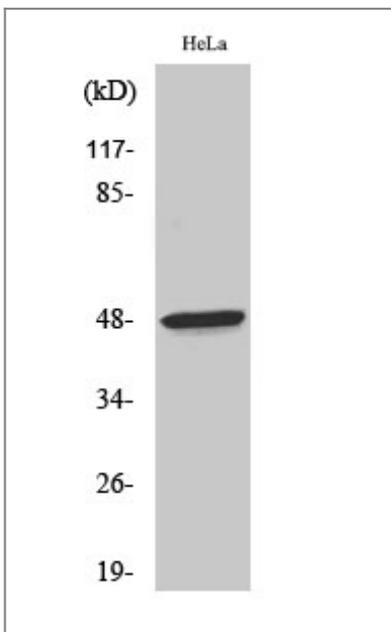
Organism	Gene ID	UniProt ID
Human	<a href="#">2149;</a>	<a href="#">P25116;</a>
Mouse	<a href="#">14062;</a>	<a href="#">P30558;</a>
Rat		<a href="#">P26824;</a>

**Cellular Localization** Cell membrane; Multi-pass membrane protein.

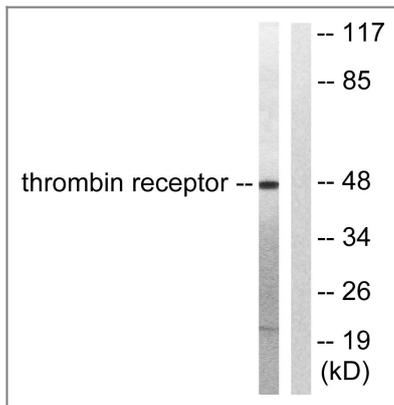
**Tissue specificity** Platelets and vascular endothelial cells.

**Function** Function:High affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation and in vascular development.,PTM:A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand.,PTM:Phosphorylated; probably mediating desensitization prior to the uncoupling and internalization of the receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Platelets and vascular endothelial cells.,

## Validation Data



Western Blot analysis of various cells using Thrombin R Polyclonal Antibody



Western blot analysis of lysates from HeLa cells, treated with Nocodazole 1ug/ml 18h, using Thrombin Receptor Antibody. The lane on the right is blocked with the synthesized peptide.

## Contact information

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**Thrombin Receptor Rabbit pAb**

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