

Datasheet for ABIN6566727

**anti-TLR7 antibody****2** Images[Go to Product page](#)

## Overview

|              |                                                     |
|--------------|-----------------------------------------------------|
| Quantity:    | 200 µL                                              |
| Target:      | TLR7                                                |
| Reactivity:  | Human, Mouse                                        |
| Host:        | Rabbit                                              |
| Clonality:   | Polyclonal                                          |
| Conjugate:   | This TLR7 antibody is un-conjugated                 |
| Application: | Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

|               |                                   |
|---------------|-----------------------------------|
| Immunogen:    | Recombinant protein of human TLR7 |
| Isotype:      | IgG                               |
| Purification: | Affinity purification             |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TLR7                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alternative Name: | TLR7 ( <a href="#">TLR7 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Background:       | <p>Synonyms: PRO285,TLR 7,Tlr7,TLR7,Toll like receptor 7,Toll-like receptor 7,UNQ248</p> <p>Background: The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that</p> |

## Target Details

are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X.

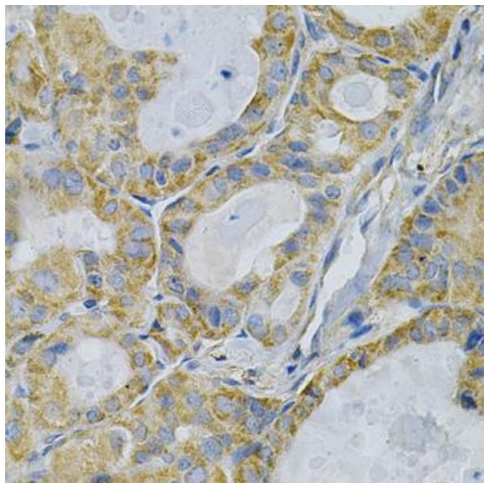
|                   |                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | Calculated_MW: 120kDa                                                                                                               |
| Gene ID:          | 51284                                                                                                                               |
| UniProt:          | <a href="#">Q9NYK1</a>                                                                                                              |
| Pathways:         | <a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | IHC 1:50 - 1:200 IF 1:50 - 1:200 |
| Restrictions:      | For Research Use only            |

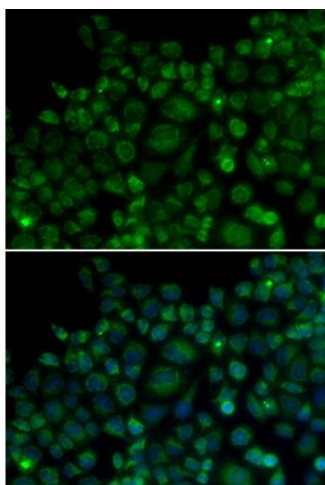
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.                                                           |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C. Avoid freeze / thaw cycles.                                                                            |



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human thyroid cancer using TLR7 Antibody.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of MCF-7 cells using TLR7 antibody.