

## Datasheet for ABIN7120008 **anti-TLR7 antibody**

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### Overview

|              |                                                          |
|--------------|----------------------------------------------------------|
| Quantity:    | 100 µg                                                   |
| Target:      | TLR7                                                     |
| Reactivity:  | Human, Mouse, Rat                                        |
| Host:        | Rabbit                                                   |
| Clonality:   | Polyclonal                                               |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | toll-like receptor 7            |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TLR7                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Name: | TLR7 ( <a href="#">TLR7 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                |
| Background:       | Synonyms:TLR7, toll like receptor 7 Background:Key component of innate and adaptive immunity. TLRs(Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response(By similarity). |

Target Details

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| Molecular Weight: | 121kd                                                                                             |
| Gene ID:          | 51284                                                                                             |
| UniProt:          | <a href="#">Q9NYK1</a>                                                                            |
| Pathways:         | <a href="#">TLR Signaling, Activation of Innate immune Response, Toll-Like Receptors Cascades</a> |

Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB: 1:200-1:600, IHC: 1:20-1:200 |
| Restrictions:      | For Research Use only            |

Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | PBS with 0.02 % sodium azide and 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:   | -20°C for 12 months (Avoid repeated freeze / thaw cycles.)                                                             |
| Expiry Date:       | 12 months                                                                                                              |