

Datasheet for ABIN746318
anti-TYK2 antibody (pTyr1054, pTyr1055)[Go to Product page](#)

3 Images

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | TYK2 |
| Binding Specificity: | pTyr1054, pTyr1055 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TYK2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic phosphopeptide derived from human Tyk2 around the phosphorylation site of Tyr1054/1055 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | TYK2 |
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Target Details

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|-------------------|---|
| Alternative Name: | Tyk2 + (TYK2 Products) |
| Background: | <p>Synonyms: TYK2Tyr1054/1055, Tyk2phospho Y1054/1055, TYK2 phospho Tyr1054/1055, p-TYK2 Tyr1054/1055, JTK 1, JTK1, TYK 2, Non receptor tyrosine protein kinase 2, Non receptor tyrosine protein kinase TYK2, Protein Tyrosine Kinase 2, Tyrosine kinase 2, TYK2_HUMAN, Non-receptor tyrosine-protein kinase TYK2.</p> <p>Background: This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. [provided by RefSeq].</p> |
| Gene ID: | 7297 |
| Pathways: | JAK-STAT Signaling , Hepatitis C |

Application Details

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| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |

Handling

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| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

Images

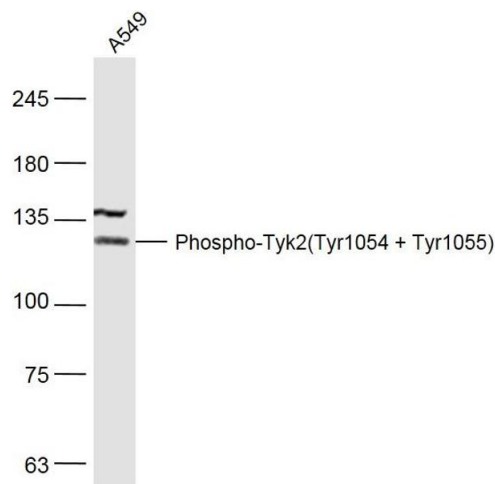
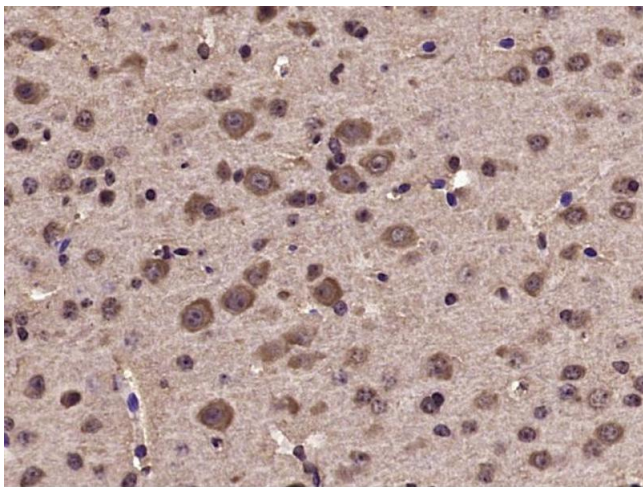
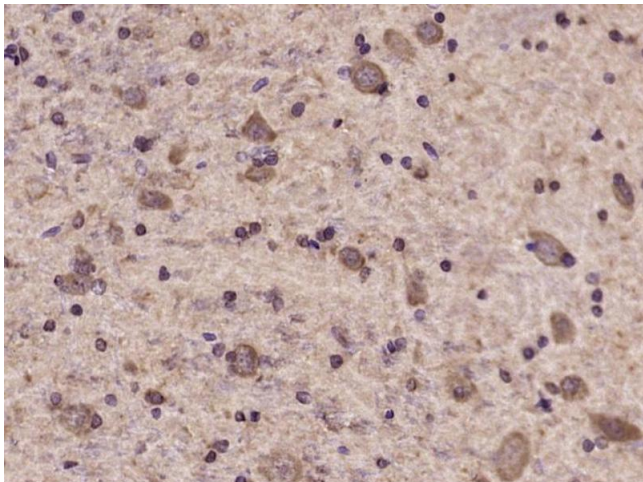


Image 1. A549 lysates probed with Phospho-Tyk2(Tyr1054 + Tyr1055) Polyclonal Antibody, Unconjugated at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded mouse brain Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with Tyk2(Tyr1054 + Tyr1055) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded rat brain Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with Tyk2(Tyr1054 + Tyr1055) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.