

Rabbit anti-Human TYK2 Polyclonal Antibody | anti-TYK2 antibody

Anti-TYK2 Antibody, Rabbit Polyclonal

CATALOG # AAA256640	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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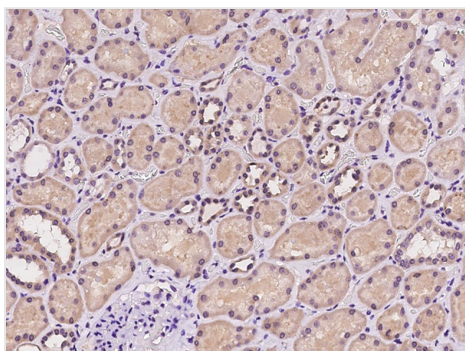
PRODUCT SYNONYMS

TYK2; Polyclonal Antibody; Anti-TYK2 Antibody; Rabbit Polyclonal; TYK2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-IMD35 Antibody; Anti-JTK1 Antibody; anti-TYK2 antibody

PRODUCT SPECIFICATIONS

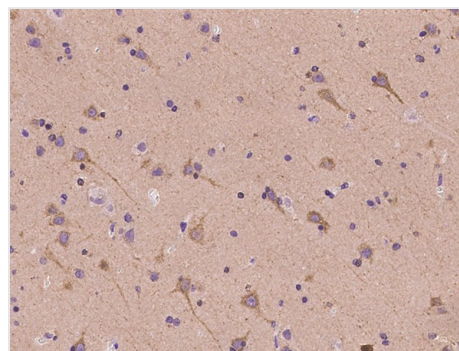
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TYK2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TYK2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TYK2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TYK2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human TYK2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TYK2 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TYK2 antibody	Tyrosine kinase 2 (TYK2) is a non-receptor tyrosine-protein kinase, an enzyme that in humans is encoded by the TYK2 gene. TYK2, together with three other family subtypes, namely, Jak1, Jak2, and Jak3, belong to the JAK family of tyrosine kinases that are involved in chromosomal translocation-induced fusion proteins found in anaplastic large cell lymphomas (ALCL) that lack rearrangements activating the anaplastic lymphoma kinase (ALK). TYK2 functions downstream of multiple cytokine receptors. Genome-wide association studies have linked an SNP (rs34536443) within TYK2 encoding a Proline to Alanine substitution at amino acid 1104, to protection from multiple autoimmune diseases including systemic lupus erythematosus (SLE) and multiple sclerosis (MS). TYK2 has been identified as a crucial protein in signal transduction initiated by interferons or interleukins in mammals.
Product Categories/Family for anti-TYK2 antibody	Common G-Chain signaling pathway
References	Prutsch N, et al. (2020) Correction: Dependency on the tyk2/stat1/mcl1 axis in anaplastic large cell lymphoma. Leukemia 34 (11): 3105.He X, et al. (2019) Selective tyk2 inhibitors as potential therapeutic agents: A patent review (2015-2018). Expert Opin Ther Pat 29 (2): 137-149.Guan A, et al. (2020) Molecular cloning and functional characterization of duck tyk2. Dev Comp Immunol 102 103474.Gorman JA, et al. (2019) The tyk2-p1104a autoimmune protective variant limits coordinate signals required to generate specialized t cell subsets. Front Immunol 10 44.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tyk2-antibody-immunohistochemistry-elisa/256640>