

Datasheet for ABIN1954113

**anti-STAT3 antibody (pTyr705) (APC)**[Go to Product page](#)

## Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 200 µL                                                   |
| Target:              | STAT3                                                    |
| Binding Specificity: | pTyr705                                                  |
| Reactivity:          | Human                                                    |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This STAT3 antibody is conjugated to APC                 |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

## Product Details

|               |                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype:      | IgG                                                                                                                                                                          |
| Specificity:  | This STAT3 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y705 of human STAT3. |
| Purification: | Affinity purified                                                                                                                                                            |

## Target Details

|                                                                                    |                                          |
|------------------------------------------------------------------------------------|------------------------------------------|
| Target:                                                                            | STAT3                                    |
| Alternative Name:                                                                  | STAT3 ( <a href="#">STAT3 Products</a> ) |
| Background:                                                                        | Name/Gene ID: STAT3                      |
| Synonyms: STAT3, Acute-phase response factor, APRF, DNA-binding protein APRF, HIES |                                          |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 6774                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pathways: | <a href="#">JAK-STAT Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Feeding Behaviour</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> |

## Application Details

|                    |                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA, IHC, WB<br><br>Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Human                                                                                                                            |
| Restrictions:      | For Research Use only                                                                                                                                        |

## Handling

|                    |                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                         |
| Concentration:     | Lot specific                                                                                                                   |
| Buffer:            | PBS, pH 7.2, 0.09 % sodium azide.                                                                                              |
| Preservative:      | Sodium azide                                                                                                                   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.         |
| Handling Advice:   | Aliquot to avoid repeated freezing and thawing.                                                                                |
| Storage:           | 4 °C,-20 °C                                                                                                                    |
| Storage Comment:   | Short term: store at 4°C. Long term: aliquot and store -20°C for up to 6 months. Avoid freeze-thaw cycles. Protect from light. |
| Expiry Date:       | 6 months                                                                                                                       |