Datasheet for ABIN542845

# anti-STAP1 antibody (Phe56)

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## Overview

| | |
|---|---|
| Quantity: | 400 µL |
| Target: | STAP1 |
| Binding Specificity: | Phe56 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This STAP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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|---|---|
| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of STAP1. |
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to residues surrounding F56 of human STAP1. |
| Cross-Reactivity: | Human |

## Target Details

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|---|---|
| Target: | STAP1 |
| Alternative Name: | STAP1 / BRDG1 (STAP1 Products) |
| Gene ID: | 26228 |

## Application Details

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|---|---|
| Application Notes: | Western Blot (1:1000)<br>Immunohistochemistry (1:50)<br>The optimal working dilution should be determined by the end user. |
| Restrictions: | For Research Use only |

## Handling

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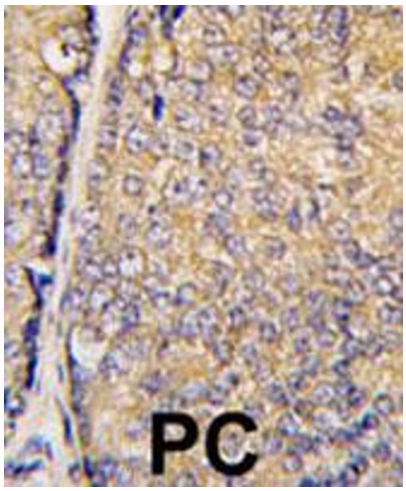
|---|---|
| Format: | Liquid |
| Buffer: | In PBS (0.09 % sodium azide) |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

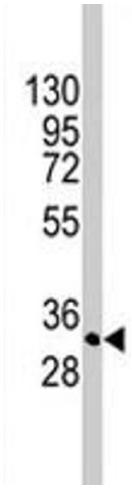
## Publications

| | |
|---|---|
| Product cited in: | Ma, Dempsey, Stamatiou, Marshall, Liew: "Identifying leukocyte gene expression patterns associated with plasma lipid levels in human subjects." in: **Atherosclerosis**, Vol. 191, Issue 1, pp. 63-72, (2007) (PubMed).<br><br>Beausoleil, Villén, Gerber, Rush, Gygi: "A probability-based approach for high-throughput protein phosphorylation analysis and site localization." in: **Nature biotechnology**, Vol. 24, Issue 10, pp. 1285-92, (2006) (PubMed).<br><br>Gstaiger, Luke, Hess, Oakeley, Wirbelauer, Blondel, Vigneron, Peter, Krek: "Control of nutrient-sensitive transcription programs by the unconventional prefoldin URI." in: **Science (New York, N.Y.)**, Vol. 302, Issue 5648, pp. 1208-12, (2003) (PubMed). |




## Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with STAP1 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.




## Western Blotting

**Image 2.** Western blot analysis of STAP1 polyclonal antibody in mouse kidney tissue lysates (35 ug/lane). STAP1 (arrow) was detected using the purified polyclonal antibody.