

Datasheet for ABIN1539750  
**anti-KIT antibody (pTyr719)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                    |
|----------------------|------------------------------------|
| Quantity:            | 400 µL                             |
| Target:              | KIT                                |
| Binding Specificity: | pTyr719                            |
| Reactivity:          | Mouse                              |
| Host:                | Rabbit                             |
| Clonality:           | Polyclonal                         |
| Conjugate:           | This KIT antibody is un-conjugated |
| Application:         | Dot Blot (DB)                      |

## Product Details

|               |                                                                                                                                                                                |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This mouse KIT Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y719 of mouse KIT. |
| Clone:        | RB39427                                                                                                                                                                        |
| Isotype:      | Ig Fraction                                                                                                                                                                    |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                               |

## Target Details

|                   |                                      |
|-------------------|--------------------------------------|
| Target:           | KIT                                  |
| Alternative Name: | KIT ( <a href="#">KIT Products</a> ) |

## Target Details

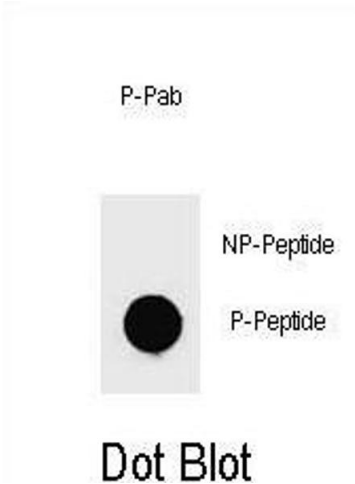
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | The c-Kit proto-oncogene is the cellular homolog of the transforming gene of a feline retrovirus (v-Kit). The c-kit protein includes characteristics of a protein kinase transmembrane receptor. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].                                                                                        |
| Molecular Weight: | 109343                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID:          | 16590                                                                                                                                                                                                                                                                                                                                                                                                              |
| NCBI Accession:   | <a href="#">NP_001116205</a> , <a href="#">NP_066922</a>                                                                                                                                                                                                                                                                                                                                                           |
| UniProt:          | <a href="#">P05532</a>                                                                                                                                                                                                                                                                                                                                                                                             |
| Pathways:         | <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a> |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | DB: 1:500             |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                   |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:   | Phospho-mouse KIT-Y719 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| Expiry Date:       | 6 months                                                                                                                 |



**Dot Blot**

**Image 1.** Dot blot analysis of Phospho-mouse KIT-Antibody Phospho-specific Pab I on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 µg per ml.