

Product datasheet

Anti-Yes1 (phospho Y537) antibody ab60028

[2 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-Yes1 (phospho Y537) antibody |
| Description | Rabbit polyclonal to Yes1 (phospho Y537) |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P, ELISA |
| Species reactivity | Reacts with: Human |
| Immunogen | A KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y537 of human YES1. |
| Positive control | Human hepatocarcinoma tissue. |

Properties

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|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| Storage buffer | Preservative: 0.09% Sodium azide Constituent: PBS |
| Purity | Protein G purified |
| Purification notes | First purified by protein G affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2 step procedure with the control and phosphorylated peptides. The phospho specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

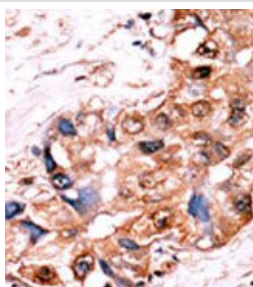
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab60028 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | 1/100 - 1/500. Predicted molecular weight: 61 kDa. |
| IHC-P | | 1/50 - 1/100. |
| ELISA | | 1/1000. |

Target

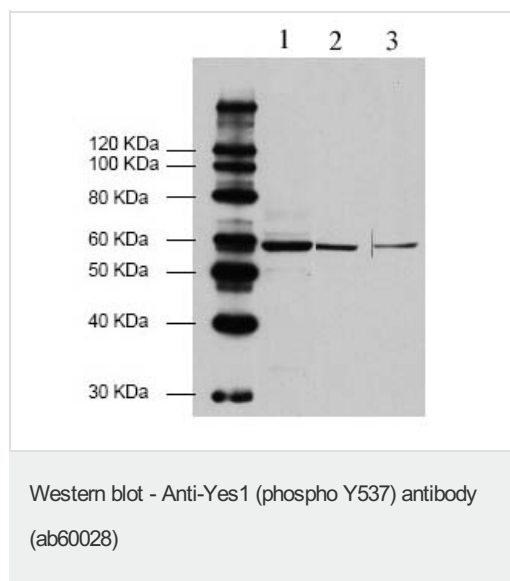
| | |
|---|--|
| Function | Promotes infectivity of <i>Neisseria gonorrhoeae</i> in epithelial cells by phosphorylating MCP/CD46. |
| Sequence similarities | <p>Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.</p> <p>Contains 1 protein kinase domain.</p> <p>Contains 1 SH2 domain.</p> <p>Contains 1 SH3 domain.</p> |
| Post-translational modifications | Autophosphorylated. |
| Cellular localization | Cytoplasm > cytosol. In epithelial cells infected with <i>Neisseria gonorrhoeae</i> , forms aggregates beneath bacterial microcolonies. |
| Form | This protein is known to be similar in amino acid sequence to HCK (P08631), LCK (P06239), FYN (P06241), SRC (P12931), and LYN (P07948). Therefore, cross-reactivity with these homologous proteins may be observed. We would be happy to provide immunogen alignment information upon request. |

Images



Formalin fixed and paraffin embedded human hepatocarcinoma tissue reacted with ab60028 at a dilution of 1/50, which was peroxidase conjugated to the secondary antibody, followed by AEC staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Yes1 (phospho Y537) antibody (ab60028)



Lane 1 : Anti-Yes1 (phospho Y537) antibody (ab60028) at 2.5 µg/ml

Lane 2 : Anti-Yes1 (phospho Y537) antibody (ab60028) at 1 µg/ml

Lane 3 : Anti-Yes1 (phospho Y537) antibody (ab60028) at 0.62 µg/ml

Lanes 1 & 3 : Cell lysate prepared from human Jurkat cells

Lane 2 : Cell lysate prepared from human Jurkat cells

Lysates/proteins at 40 µg per lane.

Developed using the ECL technique.

Predicted band size: 61 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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