

## Rabbit FZR1 Polyclonal Antibody | anti-FZR1 antibody

FZR1 antibody - N-terminal region

|                              |                       |                                                                                |                                     |
|------------------------------|-----------------------|--------------------------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA23540</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------|--------------------------------------------------------------------------------|-------------------------------------|

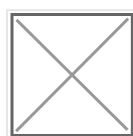
### PRODUCT SYNONYMS

FZR1; Polyclonal Antibody; FZR1 antibody - N-terminal region; anti-FZR1 antibody

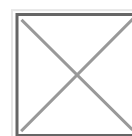
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: SS PVSSPSKHGD RFIPSRAGAN WSVNFHRINE<br>NEKSPSQNRK AKDATSDN                                               |
| Sequence Length                                | 493                                                                                                                                                   |
| Applicable Applications for anti-FZR1 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 100%                                             |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human FZR1                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

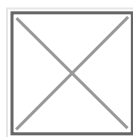
### IMAGES


**WB (Western Blot)**

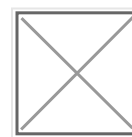
WB Suggested Anti-FZR1 Antibody Titration: 0.2-1 ug/ml  
Positive Control: 721\_B cell lysate  
FZR1 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells


**WB (Western Blot)**

Host: Rabbit  
Target Name: FZR1  
Sample Type: Human Fetal Lung  
Antibody Dilution: 1.0ug/ml


**WB (Western Blot)**

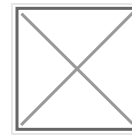
Host: Rabbit  
Target Name: FZR1  
Sample Type: Human Fetal Heart  
Antibody Dilution: 1.0ug/ml


**WB (Western Blot)**

Host: Rabbit  
Target Name: FZR1  
Sample Type: Human Fetal Brain  
Antibody Dilution: 1.0ug/ml

**WB (Western Blot)**

Host: RabbitTarget Name: FZR1Sample Type: Human Adult PlacentaAntibody Dilution:  
1.0ug/ml

**WB (Western Blot)**

Host: RabbitTarget Name: FZR1Sample Tissue: Human A549 Whole CellAntibody Dilution:  
1ug/ml

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-FZR1 antibody</b> | <p>This is a rabbit polyclonal antibody against FZR1. It was validated on Western Blot</p> <p>Target Description: FZR1 is a key regulator of ligase activity of the anaphase promoting complex/cyclosome (APC/C), which confers substrate specificity upon the complex. FZR1 associates with the APC/C in late mitosis, in replacement of CDC20, and activates the APC/C during anaphase and telophase. The APC/C remains active in degrading substrates to ensure that positive regulators of the cell cycle do not accumulate prematurely. At the G1/S transition FZR1 is phosphorylated, leading to its dissociation from the APC/C. Following DNA damage, it is required for the G2 DNA damage checkpoint: its dephosphorylation and reassociation with the APC/C leads to the ubiquitination of PLK1, preventing entry into mitosis.</p> |
| <b>Product Categories/Family for anti-FZR1 antibody</b>   | Polyclonal; Cell Biology; Signal Transduction; Meiosis/Mitosis/Cell Cycle; Cell Cycle; DNA Repair; Phosphorylation; Cell Differentiation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 33620742                                   |
| NCBI GeneID                      | 51343                                      |
| NCBI Accession #                 | NP_057347                                  |
| NCBI GenBank Nucleotide #        | NM_016263                                  |
| UniProt Accession #              | Q9UM11                                     |
| Molecular Weight                 | 55kDa                                      |
| NCBI Official Full Name          | fizzy-related protein homolog isoform 2    |
| NCBI Official Synonym Full Names | fizzy and cell division cycle 20 related 1 |
| NCBI Official Symbol             | FZR1                                       |
| NCBI Official Synonym Symbols    | FZR; CDH1; FZR2; HCDH; HCDH1; CDC20C       |
| NCBI Protein Information         | fizzy-related protein homolog              |
| UniProt Protein Name             | Fizzy-related protein homolog              |
| UniProt Gene Name                | <b>FZR1</b>                                |
| UniProt Synonym Gene Names       | CDH1; FYR; FZR; KIAA1242; Fzr; hCDH1       |
| UniProt Entry Name               | FZR_HUMAN                                  |

**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/fzr1-antibody-western-blot-elisa/23540>