

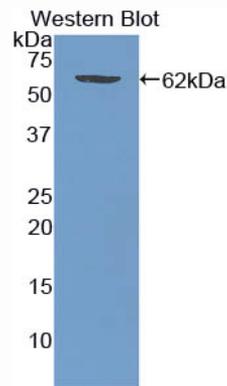
**PAP549Mu01**  
**Polyclonal Antibody**  
**To Wingless Type MMTV Integration Site Family, Member 5A (WNT5A)**  
**Organism Species: Mus musculus (Mouse)**  
**Instruction manual**

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

**[ PRODUCT INFORMATION ]**

**Immunogen:** WNT5A, Mouse  
**Clonality:** Polyclonal  
**Host:** Rabbit  
**Immunoglobulin Type:** IgG  
**Purification:** Affinity Chromatography.  
**Applications:** WB, ICC, IHC-P, IHC-F, ELISA  
**Concentration:** 200µg/mL  
**UOM:** 100µg

9th Edition (Revised in Jul, 2013)



Sample: Recombinant WNT5A, Mouse

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant WNT5A (Ile62~Lys380) expressed in *E.coli*.  
**Accession No.:** RPP549Mu01  
**Sequence:** The target protein is fused with N-terminal GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID  
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV  
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK  
KRIEAI PQID KYLKSSKYIA WPLQGWQATF GGDHPPKSD GGPLGSEF- IIGAQP LCS  
QLAGLSQGQK KLCHLYQDHM QYIGEGAKTG IKECQYQFRH RRRWNCSTVDN  
TSVFGRVMQI GSRETAFTYA VSAAGV V NAM SRACREGELS TCGCSRAARP  
KDLPRDWLWG GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL HNNEAGRRTV  
YNLADVACKC HGVSGSCSLK TCWLQLADFR KVG DALKEYK DSAAMRLNS

RGKLVQVNSR FNSPTTQDLV YIDPSPDYCV RNESTGSLGT QGRLCNKTSE  
GMDGCELMCC GRGYDQFKTV QTERCHCKFH WCCYVKCKKC TEIVDQFVCK

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against WNT5A. It has been selected for its ability to recognize WNT5A in immunohistochemical staining and western blotting.

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ QUALITY CONTROL ]**

**Content:** The quality control contains recombinant WNT5A (Ile62~Lys380) disposed in loading buffer.

**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.  
5uL per well when used in enhanced chemiluminescent (ECL).

**Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

**Loading Buffer:** 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN<sub>3</sub> 0.02%.

## **[ STORAGE ]**

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.