

## Anti-PAX-2 Rabbit pAb



WL00429

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

|                            |                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name</b>        | Anti-PAX-2 Rabbit pAb                                                                                                                                                                                                                             |
| <b>Source</b>              | Rabbit                                                                                                                                                                                                                                            |
| <b>Species reactivity</b>  | Human, Mouse, Rat                                                                                                                                                                                                                                 |
| <b>Tested applications</b> | Western blot 1:500-1:1000<br><small><i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i></small> |
| <b>Molecular Wt.</b>       | 46 kDa                                                                                                                                                                                                                                            |
| <b>Pack size</b>           | 50/100/200/500/1000µl                                                                                                                                                                                                                             |
| <b>Storage</b>             | Store at -20°C. <b>Avoid freeze/thaw cycles.</b>                                                                                                                                                                                                  |
| <b>Storage buffer</b>      | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide                                                                                                                                   |

## General Information

|                     |                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Background</b>   | PAX2 is a crucial transcription factor in the development of the nervous and excretory systems, including the midbrain, hindbrain, spinal cord, eyes, ears, and urogenital tract. It plays a crucial role in kidney development and acts as an oncogene that promotes the growth of kidney tumors. PAX2 is considered a target for transcriptional repression of the tumor suppressor gene Wt1. |
| <b>Immunogen</b>    | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PAX-2.                                                                                                                                                                                                                                                                                                        |
| <b>Purification</b> | Polyclonal antibody was purified by immunogen affinity chromatography.                                                                                                                                                                                                                                                                                                                          |

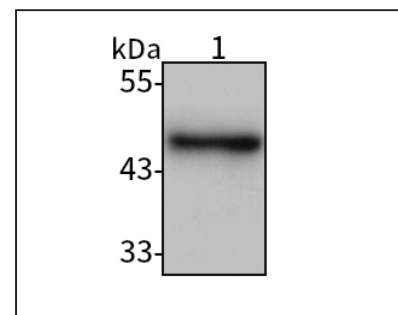
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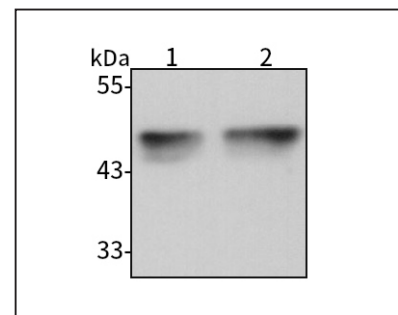
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## Product Images



## Western blot-Anti-PAX-2 pAb

Lane 1: Human PC-12 cell lysate 30µg  
**Separation gel:** 10% polyacrylamide  
**Electrophoresis:** 100V, 4°C, 3h  
**Transmembrane:** 100V, 4°C, 1h  
**Blocking:** 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
**Primary antibody:** 1:1000 in blocking buffer, 4°C, overnight  
**Secondary antibody (WLA023a) :** 1:5000-1:10000, 45min  
**Detection:** ECL, 30s-2min



## Western blot-Anti-PAX-2 pAb

Lane 1: Mouse kidney tissue lysate 30µg  
 Lane 2: Rat kidney tissue lysate 30µg  
**Separation gel:** 10% polyacrylamide  
**Electrophoresis:** 100V, 4°C, 3h  
**Transmembrane:** 100V, 4°C, 1h  
**Blocking:** 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
**Primary antibody:** 1:1000 in blocking buffer, 4°C, overnight  
**Secondary antibody (WLA023a) :** 1:5000-1:10000, 45min  
**Visualization:** ECL, 30s-2min