# MEK5(phospho-Ser311/ Thr315) Antibody

Catalog No: #11559

Package Size: #11559-1 50ul #11559-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

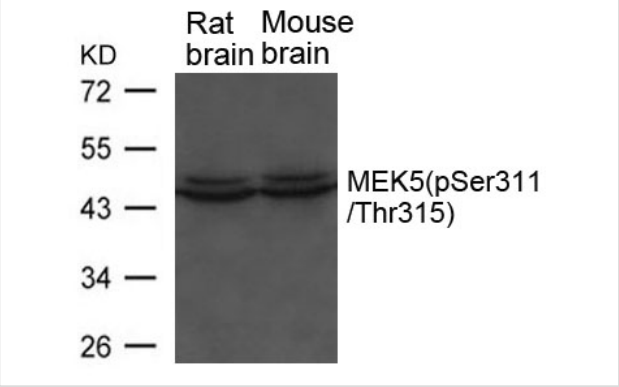
| | |
|---|---|
| Product Name | MEK5(phospho-Ser311/ Thr315) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide. |
| Applications | WB |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of MEK5 only when phosphorylated at serine 311 or threonine 315. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of Serine 311 and threonine 315 (V-N-S(p)I-A-K-T(p)-Y-V) derived from Rat MEK5. |
| Conjugates | Unconjugated |
| Target Name | MEK5 |
| Modification | Phospho |
| Other Names | Map2k5 |
| Accession No. | Swiss-Prot: Q62862NCBI Protein: NP_001029159.1 |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

## Application Details

Predicted MW: 46kd

Western blotting: 1:500~1:1000

## Images




Western blot analysis of extracts from Rat and Mouse brain tissue using MEK5(phospho-Ser311/ Thr315) Antibody #11559.

## Background

Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appear to play a critical role in protecting cells from stress-induced apopotosis, neuronal survival and cardiac development and angiogenesis.

English J.M., Vanderbilt C.A., Xu S., Marcus S., Cobb M.H.J. Biol. Chem. 270:28897-28902(1995)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.