Product Datasheet

# Keratin 19 Antibody

Catalog No: #21615

Package Size: #21615-1 50ul #21615-2 100ul

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

## Description

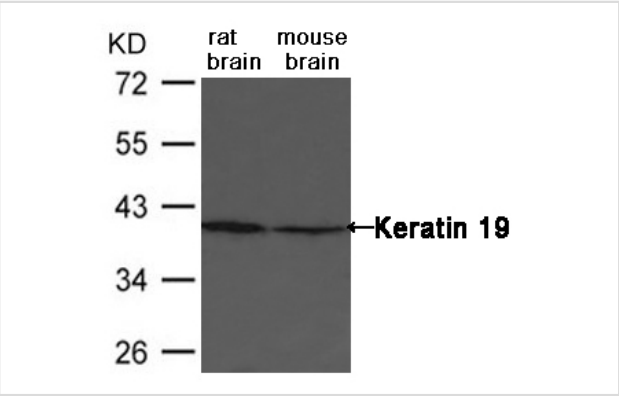
| | |
|---|---|
| Product Name | Keratin 19 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications | WB IHC |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of total Keratin 19 protein. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around aa.392~396(N-N-L-S-A) derived from Human Keratin 19. |
| Target Name | Keratin 19 |
| Other Names | K19, K1CS, MGC15366, KRT19, CK19 |
| Accession No. | Swiss-Prot: P08727NCBI Protein: NP_002267.2 |
| Uniprot | P08727 |
| GeneID | 3880; |
| SDS-PAGE MW | 41kd |
| 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

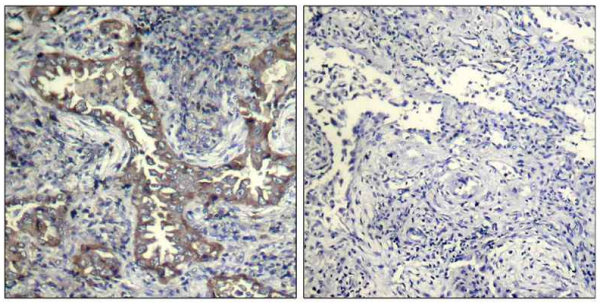
Predicted MW: 41kd

Western blotting: 1:500~1:1000

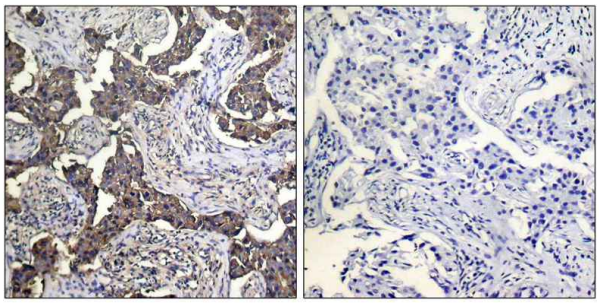
## Images




Western blot analysis of extract from rat and mouse brain tissue using Keratin 19 Antibody #21615



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using Keratin 19 Antibody #21615 (left) or the same antibody preincubated with blocking peptide (right).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using Keratin 19 Antibody #21615 (left) or the same antibody preincubated with blocking peptide (right).

## Background

Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Stone M.R., O'Neill A., Catino D., Bloch R.J.

Mol. Biol. Cell 16:4280-4293(2005)

Note: This product is for in vitro research use only