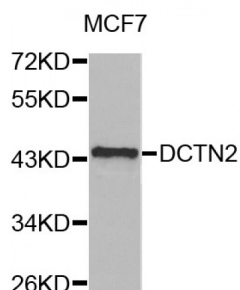


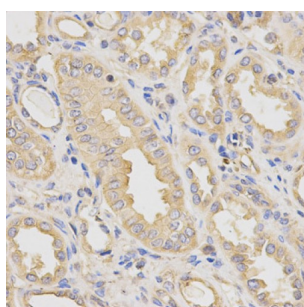
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## Dynactin Subunit 2 (DCTN2) Antibody

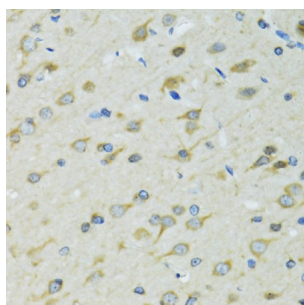
Catalogue No.: abx001812



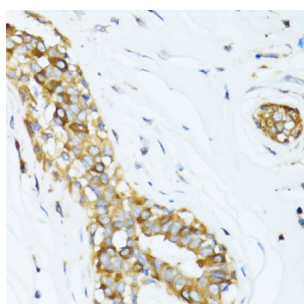
Western blot analysis of extracts of MCF-7 cells, using DCTN2 antibody (abx001812) at 1/1000 dilution.



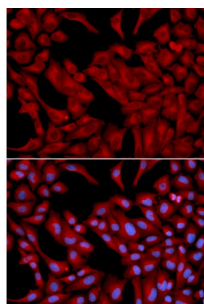
Immunohistochemistry of paraffin-embedded human kidney using DCTN2 antibody (abx001812) at dilution of 1/200 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using DCTN2 antibody (abx001812) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using DCTN2 antibody (abx001812) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of U2OS cells using DCTN2 antibody (abx001812). Blue: DAPI for nuclear staining.

DCTN2 Antibody is a Rabbit Polyclonal antibody against DCTN2. Dynactin is a 50 kDa protein containing a calmodulin binding

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domain, a putative ATPase domain and MacMARCKS-binding domain. This protein is a part of the dynactin complex believed to link the dynactin complex to membrane compartments. Its functions are tightly associated with dynein motor protein, thus extend to vesicle trafficking and membrane integrity. Dynaminin was named so because its overexpression causes dynactin complex which contains 10 subunits, to disassemble. Its N terminal 58 amino acid is for MacMARCKS binding and residues 59-83 is responsible for calmodulin binding. This antibody is against the full length p50 dynaminin.

**Target:** DCTN2

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IHC, IF/ICC

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/20 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human DCTN2.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** Calculated MW: 44 kDa  
Observed MW: 44 kDa

**Swiss Prot:** [Q13561](#)

**GeneID:** [10540](#)

**Gene Symbol:** DCTN2

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.