

## EPB 41L1 / 4.1N

Cat.No. 276 103; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

### Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> 1 : 1000 (AP staining) <b>IP:</b> yes <b>ICC:</b> 1 : 500 up to 1 : 1000 <b>IHC:</b> 1 : 200 up to 1 : 500 <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Recombinant protein corresponding to AA 5 to 500 from mouse 4.1N (UniProt Id: Q9Z2H5)
Reactivity	Reacts with: rat (Q9WTP0), mouse (Q9Z2H5). Other species not tested yet.
Specificity	Specific for EPB 4/4.1N.

**TO BE USED IN VITRO / FOR RESEARCH ONLY**  
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

The protein 4.1 family consists of a group of skeletal proteins related to the red blood cell (RBC) protein **4.1R**, also known as the erythrocyte membrane skeletal band 4.1 protein EPB 41. This protein family also includes **4.1N** (EPB 4), **4.1B** and **4.1G** (EPB 4.1L2). **4.1N** and **4.1G** are expressed in neuronal and non-neuronal cells in the brain. For **4.1N** several splice variants with tissue specific expression patterns have been described. The 135 kDa isoform is most prominent in brain whereas a smaller 100 kDa variant is enriched in peripheral tissues

### Selected General References

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