MRP14 polyclonal antibody

Catalog:	AP0477	Host:	Rabbit	Reactivity:	Mouse

BackGround:

The family of EF-hand type Ca^{2+}-binding proteins includes Calbindin (previously designated vitamin D-dependent Ca^{2+}-binding protein), S-100 α and β, Cal-granulins A (also designated MRP8), B (also designated MRP14) and C (S-100 like proteins) and the parvalbumin family members, including parvalbumin α and parvalbumin β (also designated oncomodulin). Calbindin, S-100 proteins and parvalbumin proteins are each expressed in neural tissues. In addition, S-100 α and β are present in a variety of other tissues and Calbindin is present in intestine and kidney. Parvalbumin α is also found in fast-contracting/ relaxing skeletal muscle fibers and parvalbumin β is found in many tumor tissues as well as in the organ of Corti.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 13, 24 (MRP8 + MRP14 complex) kDa

Swiss-Prot:

P06702

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

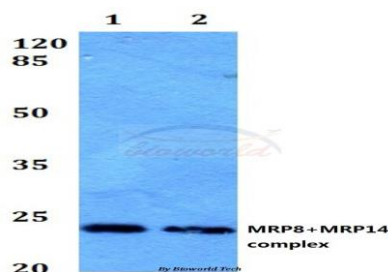## Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

Specificity:

MRP14 polyclonal antibody detects endogenous levels of of MRP14 protein or MRP8+MRP14 complex.

DATA:

Western blot (WB) analysis of MRP14 polyclonal antibody at 1:500 dilution

Lane1:Mouse kidney tissue lysate

Lane2:sp2/0 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.