

LMO7 polyclonal antibody

Catalog: BS60784

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The LIM-only (LMO) proteins are nuclear factors characterized by a conserved LIM domain. The LIM domain contains a cysteine-rich zinc-binding motif, present in a variety of transcription factors, including the LIM homeobox (LHX) proteins expressed in the central nervous system. The deduced LMO7 protein is comprised of 1,349 amino acid residues, contains a characteristic zinc finger domain and a 3-prime UTR which possesses a short interspersed nucleotide element (SINE). RT-PCR detects predominant expression of LMO7 in heart, lung, skeletal muscle, and kidney, moderate expression in liver, ovary, brain, pancreas, and testis, and little to no expression in spleen. Research indicates that LMO7 is an afadin- and alpha-actinin-binding protein that connects the nectin-afadin and E-cadherin-catenin systems through alpha-actinin.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 193 kDa

Swiss-Prot:

Q8WWI1

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

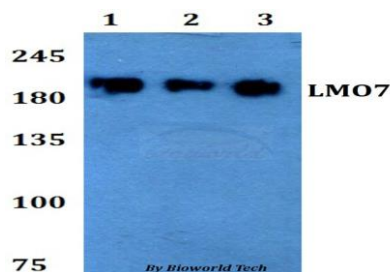
Storage&Stability:

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

Specificity:

LMO7 polyclonal antibody detects endogenous levels of LMO7 protein.

DATA:



Western blot (WB) analysis of LMO7 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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