# MIA polyclonal antibody

Catalog: BCP01099 Host: Rabbit Reactivity: Human,Mouse,Rat

## BackGround:

Tumorigenesis is a process that is mediated by a network of membrane, cytosolic and nuclear associated factors, which regulate proliferation and cell-matrix interaction through signaling cascades. The phenotype of malignant melanomas in vivo depends on the global expression of stimulatory or inhibitory factors generated in both the tumors cells and their environment. One example, Melanoma inhibitory activity (cartilage-derived retinoic acid-sensitive protein (CD-RAP), MIA) is a Src homology 3 (SH3)-like domain containing protein that is secreted from chondrocytes and malignant melanoma cells. MIA is translated as a 131-amino acid pro-form and processed into a mature 107-amino acid protein after cleavage of a secretion signal. MIA is expressed during chondrogenesis and in mature chondrocytes, suggesting that MIA is necessary for normal cartilage cell phenotype. MIA mRNA is present in carcinomas of the colon, ovary, kidney, and head/neck, and may represent a marker to monitor melanomic activity.

## Product:

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

## Molecular Weight:

~ 14 kDa

## Swiss-Prot:

Q16674

## 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

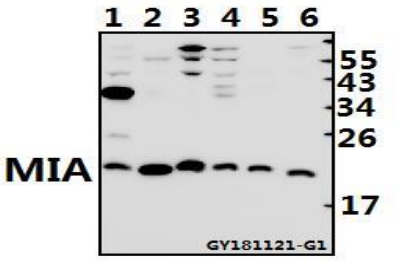
## Storage&Stability:

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

## Specificity:

MIA polyclonal antibody detects endogenous levels of MIA protein.

## DATA:




Western blot (WB) analysis of MIA pAb at 1:500 dilution

Lane1:BV2 whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:K562 whole cell lysate(40ug)

Lane4:A2780 whole cell lysate(40ug)

Lane5:U-87MG whole cell lysate(40ug)

Lane6:HEK293T whole cell lysate(40ug)

## Note:

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

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