

CYP4X1 (V273) polyclonal antibody

Catalog: BCP00615

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma. The CYP4X1 gene product has been provisionally designated CYP4X1 pending further characterization.

Product:

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

Molecular Weight:

~ 50 kDa

Swiss-Prot:

Q8N118

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

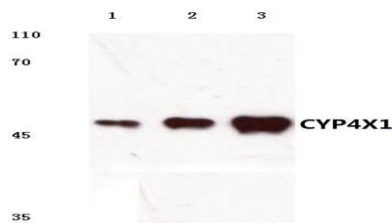
IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

CYP4X1 (V273) polyclonal antibody detects endogenous levels of CYP4X1 protein.

DATA:

Western blot (WB) analysis of CYP4X1 (V273) pAb at 1:1000 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:HeLa whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:K562 whole cell lysate(40ug)

Note:

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