

**XKR8 polyclonal antibody**

Catalog: BS33760

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

XK-related protein 8: Phospholipid scramblase that promotes phosphatidylserine exposure on apoptotic cell surface. Phosphatidylserine is a specific marker only present at the surface of apoptotic cells and acts as a specific signal for engulfment. Required for the clearance of apoptotic cells, such as engulfment of apoptotic germ cells by Sertoli cells, clearance of senescent neutrophils or regulation of bipolar cell numbers in the retina (By similarity). In the hippocampus, phosphatidylserine exposure also acts as a specific 'eat-me' marker for axon pruning during brain development (By similarity). Has no effect on calcium-induced exposure of phosphatidylserine. Promotes myoblast differentiation and survival

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~44.7 kDa

Swiss-Prot:

Q9H6D3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of XKR8 protein

DATA:

Western blot analysis of CD117 (Phospho-Y936) expression in A375 (A), SGC7901 (B), A2780 (C) whole cell lysates.

Immunohistochemical analysis of CD117 (Phospho-Y936) staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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