

**KIAA1551 polyclonal antibody**

Catalog: BS35786

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Retroelement silencing factor 1: Plays a role in the regulation of imprinted gene expression, regulates repressive epigenetic modifications associated with SETDB1. Required for the recruitment or accumulation of SETDB1 to the endogenous retroviruses (ERVs) and maintenance of repressive chromatin configuration, contributing to a subset of the SETDB1-dependent ERV silencing in embryonic stem cells

**Product:**

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

**Molecular Weight:**

~195 kDa

**Swiss-Prot:**

Q9HCM1

**Purification&Purity:**

The antibody was purified by immunogen affinity chromatography.

**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:**

Recognizes endogenous levels of KIAA1551 protein

**DATA:**

Western blot analysis of Topoisomerase 1 expression in Jurkat (A), Hela (B), mouse spleen (C) whole cell lysates.

Immunohistochemical analysis of Topoisomerase 1 staining in human breast cancer 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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