



E91369

## PLAU Polyclonal Antibody

**Catalog Number:** E91369

**Amount:** 100ul

**Background:** PLAU(Urokinase-type plasminogen activator) is also named as uPA and belongs to the peptidase S1 family. UPA initiates a proteolytic cascade, which degrades extracellular matrix during tissue growth and remodelling. The secreted proform of UPA is activated after binding to a specific high affinity cell surface receptor. Secreted UPA is exposed to rapid inactivation in the pericellular space by plasminogen activator inhibitor-1 (PAI-1), which is stored in the extracellular matrix bound to vitronectin (PMID:9665342). It has 2 isoforms produced by alternative splicing. Defects in PLAU are the cause of Quebec platelet disorder (QPD). This antibody is specific to uPA.

**Species:** Rabbit

**Isotype:** IgG

**Storage/Stability:** Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonyms:** TF; UPA; URK; u-PA

**Immunogen:** Recombinant protein of human PLAU

**Purification:** Affinity purification

**Reactivity:** H M R

**Applications:** WB IHC

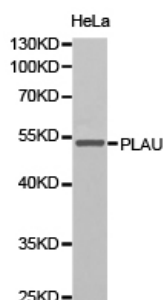
**Molecular Weight:** 49kDa

**Swiss-Prot No. :** P00749

**Gene ID:** 5328

WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of HeLa cell lines, using PLAU antibody.

**For Research Use Only**