

# Anti-TESC Polyclonal Antibody

Cat: K109035P

## Summary:

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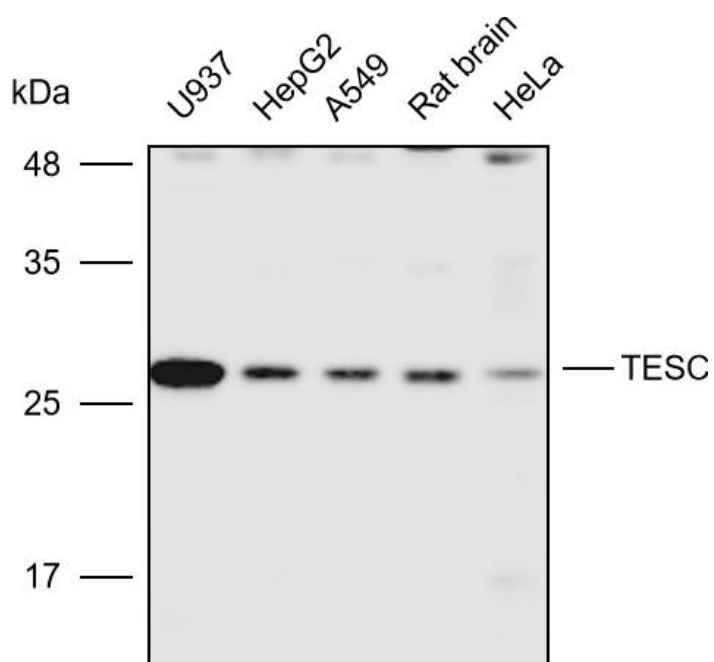
<b>【Product name】</b> : Anti-TESC antibody	<b>【Source】</b> : Rabbit
<b>【Isotype】</b> : IgG	<b>【Species reactivity】</b> : Human Mouse Rat
<b>【Swiss Prot】</b> : Q96BS2	<b>【Gene ID】</b> : 54997
<b>【Calculated】</b> : MW:19/21/25kDa	<b>【Observed】</b> : MW:27kDa
<b>【Purification】</b> : Affinity purification	
<b>【Tested applications】</b> : WB	
<b>【Recommended dilution】</b> : WB 1:1000-3000.	
<b>【WB Positive sample】</b> : U937,HepG2,A549,Rat brain,Hela	
<b>【Subcellular location】</b> : Nucleus Cell membrane	
<b>【Immunogen】</b> : Recombinant protein of human TESC	
<b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

## Background:

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Functions as an integral cofactor in cell pH regulation by controlling plasma membrane-type Na<sup>+</sup>/H<sup>+</sup> exchange activity. Promotes the maturation, transport, cell surface stability and exchange activity of SLC9A1/NHE1 at the plasma membrane. Promotes the induction of hematopoietic stem cell differentiation toward megakaryocytic lineage. Essential for the coupling of ERK cascade activation with the expression of ETS family genes in megakaryocytic differentiation. Also involved in granulocytic differentiation in a ERK-dependent manner. Inhibits the phosphatase activity of calcineurin.

## Verified picture



Western blot analysis with TESC antibody diluted at 1:2000; Lane: U937, HepG2, A549, Rat brain, HeLa