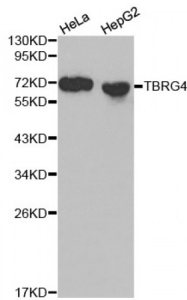
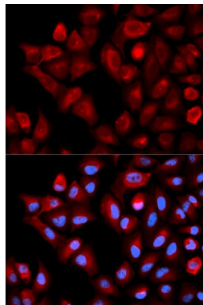


**Transforming Growth Factor Beta Regulator 4 (TBRG4) Antibody**

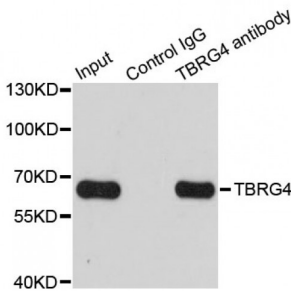
Catalogue No.: abx000661



Western blot analysis of extracts of various cell lines, using TBRG4 antibody (abx000661) at 1/1000 dilution.



Immunofluorescence analysis of HeLa cells using TBRG4 antibody (abx000661). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 1 µg TBRG4 antibody (abx000661). Western blot was performed from the immunoprecipitate using TBRG4 antibody (abx000661) at a dilution of 1/1000.

TBRG4 Antibody is a Rabbit Polyclonal antibody against TBRG4. TBRG4 (transforming growth factor beta regulator 4), also known as CPR2 (cell cycle progression restoration protein 2) or FASTKD4 (FAST kinase domain-containing protein 4), is a 631 amino acid protein that contains one RAP domain and belongs to the FAST kinase family. TBRG4 is ubiquitously expressed and may have a role in cell cycle progression. Existing as two alternatively spliced isoforms, the gene encoding TBRG4 maps to human chromosome 7p13. Chromosome 7 is approximately 158 million bases long, encodes over 1000 genes and makes up about 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfourt and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

**Target:** TBRG4

**Clonality:** Polyclonal

<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	WB, IF/ICC, IP
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100, IP: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant protein of human TBRG4.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Affinity purified.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	<a href="#">Q969Z0</a>
<b>Gene Symbol:</b>	TBRG4
<b>GeneID:</b>	<a href="#">9238</a>
<b>Molecular Weight:</b>	Calculated MW: 58 kDa, 70 kDa Observed MW: 70 kDa
<b>Buffer:</b>	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
<b>Concentration:</b>	> 1 mg/ml
<b>Note:</b>	This product is for research use only.