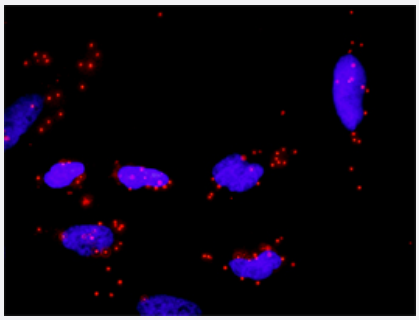
APBB1(Phospho S175) & APBB1 Protein Phosphorylation Antibody Pair

Catalog # DP0056 Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse purified polyclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.

Specification

Product Description	This protein phosphorylation antibody pair set comes with two antibodies, one against the APBB1 protein, and the other against the specific S175 phosphorylated site of APBB1 for use in *in situ* Proximity Ligation Assay. See Publication Reference below.
Reactivity	Human
Quality Control Testing	Dual recognition immunofluorescence result. Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse purified polyclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.
Supplied Products	Antibody pair set content: 1. Phospho-APBB1 S175 rabbit polyclonal antibody (20 ul) With 0.09% sodium azide. 2. APBB1 mouse purified polyclonal antibody (40 ug) In 1x PBS, pH 7.2 *Reagents are sufficient for at least 30-50 assays using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

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Applications

- *In situ* Proximity Ligation Assay (Cell)

Gene Info — APBB1

Entrez GeneID	322
Gene Name	APBB1
Gene Alias	FE65, MGC:9072, RIR
Gene Description	amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)
Omim ID	602709
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the Fe65 protein family. It is an adaptor protein l ocalized in the nucleus. It interacts with the Alzheimer's disease amyloid precursor protein (APP), transcription factor CP2/LSF/LBP1 and the low-density lipoprotein receptor-related protein. APP functions as a cytosolic anchoring site that can prevent the gene product's nuclear translocation. T his encoded protein could play an important role in the pathogenesis of Alzheimer's disease. It is t hought to regulate transcription. Also it is observed to block cell cycle progression by downregulat ing thymidylate synthase expression. Multiple alternatively spliced transcript variants have been d escribed for this gene but some of their full length sequence is not known. [provided by RefSeq
Other Designations	adaptor protein FE65a2|amyloid beta A4 precursor protein-binding, family B, member 1|stat-like protein

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Metabolic Syndrome X

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- Neoplasms
- Osteoporosis
- Parkinson disease
- Tobacco Use Disorder

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