ELK Biotechnology

# BBS7 rabbit pAb

## Cat No.:ES18092

**For research use only**

**Overview**

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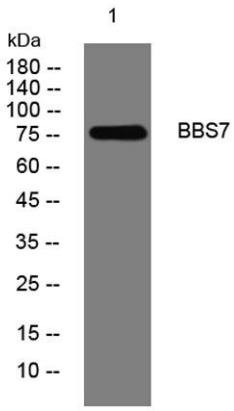
|---|---|
| **Product Name** | BBS7 rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB |
| **Species Cross-Reactivity** | Human; Mouse |
| **Recommended dilutions** | WB 1：500-2000 |
| **Immunogen** | Synthesized peptide derived from human BBS7 AA range: 85-135 |
| **Specificity** | This antibody detects endogenous levels of BBS7 at Human/Mouse |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | BBS7 |
| **Gene Name** | BBS7 BBS2L1 |
| **Cellular localization** | Cell projection, cilium membrane . Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite . Cytoplasm, cytoskeleton, cilium basal body . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | |
| **Human Gene ID** | 55212 |
| **Human Swiss-Prot Number** | Q8IWZ6 |
| **Alternative Names** | |
| **Background** | This gene encodes one of eight proteins that form the BBSome complex containing BBS1, BBS2, BBS4, BBS5, BBS7, BBS8, BBS9 and BBIP10. The BBSome complex is believed to recruit Rab8(GTP) to the primary cilium and promote ciliogenesis. The BBSome complex assembly is mediated by a |

complex composed of three chaperonin-like BBS proteins (BBS6, BBS10, and BBS12) and CCT/TRiC family chaperonins. Mutations in this gene are implicated in Bardet-Biedl syndrome, a genetic disorder whose symptoms include obesity, retinal degeneration, polydactyly and nephropathy; however, mutations in this gene and the BBS8 gene are thought to play a minor role and mutations in chaperonin-like BBS genes are found to be a major contributor to disease development in a multiethnic Bardet-Biedl syndrome patient population. Two transcript variants encoding distinct isoforms have been identified for this gene.[provided by RefSeq, Oct 2014],




Western blot analysis of lysates from CACO2 cells, primary antibody was diluted at 1:1000, 4°over night