# TBCD Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | TBCD, Polyclonal Antibody |
| **Full Product Name** | TBCD rabbit pAb |
| **Product Gene Name** | anti-TBCD antibody |
| **Product Synonym Gene Name** | KIAA0988; SSD1; TFCD; PP1096 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Purity/Purification** | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| **Preparation and Storage** | Store at -20 degree C for ~1 year |
| **Molecular Weight** | 132,600 Da |
| **Chromosome Location** | Chromosome: 17; NC_000017.10 (80709938..80901062). Location: 17q25.3 |
| **OMIM** | 604649 |
| **3D Structure** | ModBase 3D Structure for Q9BTW9 |
| **Product Categories/Family for anti-TBCD antibody** | Primary Antibody |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-TBCD antibody** | Western Blot (WB) |
| **Application Notes for anti-TBCD antibody** | WB: 1:500-2000 |
| **Related Product Information for anti-TBCD antibody** | Cofactor D is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state. [provided by RefSeq, Jul 2008] |
| **Other Notes** | Small volumes of anti-TBCD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for TBCD purchase** | MBS8600642 is an antibody targeting TBCD. Also known as TBCD rabbit pAb. Reactive in Human, Mouse. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBCD. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 41350333 |
| **NCBI GeneID** | 6904 |

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| **NCBI Accession #** | NP_005984.3 |
| **UniProt Primary Accession #** | Q9BTW9 |
| **UniProt Secondary Accession #** | O95458; Q7L8K1; Q8IXP6; Q8NAX0; Q8WYH4; Q96E74; Q9UF82; Q9UG46; Q9Y2J3 |
| **UniProt Related Accession #** | Q9BTW9 |
| **GenBank Nucleotide #** | NM_005993.4 |
| **NCBI Official Full Name** | tubulin-specific chaperone D |
| **NCBI Official Synonym Full Names** | tubulin folding cofactor D |
| **NCBI Official Symbol** | TBCD |
| **NCBI Official Synonym Symbols** | tfcD; SSD-1 |
| **UniProt Protein Name** | Tubulin-specific chaperone D |
| **UniProt Synonym Protein Names** | Beta-tubulin cofactor D; tfcD; SSD-1; Tubulin-folding cofactor D |
| **Protein Family** | Tubulin-specific chaperone |
| **UniProt Gene Name** | TBCD |
| **UniProt Synonym Gene Names** | KIAA0988; SSD1; TFCD; tfcD |
| **UniProt Entry Name** | TBCD_HUMAN |
| **NCBI Protein Information** | tubulin-specific chaperone D; beta-tubulin cofactor D; tubulin-folding cofactor D |
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