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# WDSUB1 Polyclonal Antibody

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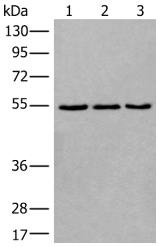
|---|---|---|---|
| **Catalog No.** | E-AB-53557 | **Reactivity** | H,M |
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. | **Host** | Rabbit |
| **Applications** | WB,ELISA | **Isotype** | IgG |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Images




Western blot analysis of 293T NIH/3T3 and K562 cell lysates using WDSUB1 Polyclonal Antibody at dilution of 1:500

## Immunogen Information

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|---|---|
| **Immunogen** | Synthetic peptide of human WDSUB1 |
| **Gene Accession** | NP689741 |
| **Swissprot** | Q8N9V3 |
| **Synonyms** | UBOX6 ,WD repeat,WD repeat, sterile alpha motif and U box domain containing 1 ,WDSAM1 ,WDSUB1 |

## Product Information

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| **Calculated MW** | 53 kDa |
| **Observed MW** | Refer to figures |
| **Buffer** | PBS with 0.05% NaN3 and 40% Glycerol,pH7.4 |
| **Purify** | Antigen affinity purification |
| **Dilution** | WB 1:500-1:2000, ELISA 1:5000-1:10000 |

## Background

WDSUB1 (WD repeat, SAM and U-box domain-containing protein 1), also known as UBOX6 or WDSAM1, is a 476 amino acid protein that contains one SAM (sterile alpha motif) domain, one U-box domain and seven WD repeats. Existing as two isoforms due to alternative splicing, WDSUB1 is encoded by a gene located on chromosome 2. The second largest human chromosome, chromosome 2 encodes over 1,400 genes and comprises nearly 8% of the human genome, housing a number of disease-associated genes. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes. Additionally, an extremely rare recessive genetic disorder, Alström syndrome, is caused by mutations in the ALMS1 gene, which maps to chromosome 2.