**bs-7678R** **[ Primary Antibody ]**

# DR6 Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 27242 **SWISS:** O75509

**Target:** DR6

**Immunogen:** KLH conjugated synthetic peptide derived from human DR6/CD358: 101-200/655. < Extracellular >

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** May activate NF-kappa-B and promote apoptosis. May activate JNK and be involved in T-cell differentiation. Required for both normal cell body death and axonal pruning. Trophic-factor deprivation triggers the cleavage of surface APP by beta-secretase to release sAPP-beta which is further cleaved to release an N-terminal fragment of APP (N-APP). N-APP binds TNFRSF21 triggering caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6).
Tissue specificity: Highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. Detected at lower levels in lung, skeletal muscle, kidney, testis, uterus, small intestine, colon, spleen, bone marrow and fetal liver. Very low levels were found in adult liver and peripheral blood leukocytes.

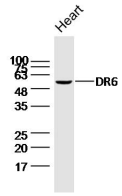
**Applications:** **WB** (1:500-2000)

**Reactivity:** Mouse, Rat (predicted: Human, Rabbit, Cow, Chicken, Dog, Horse)

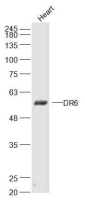
**Predicted MW.:** 52/68 kDa

**Subcellular Location:** Cell membrane

## VALIDATION IMAGES




Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-DR6 (bs-7678R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52/68 kD Observed band size: 52 kD

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## SELECTED CITATIONS


- **[IF=40.137]** Strilic, Boris, et al. "Tumour-cell-induced endothelial cell necroptosis via death receptor 6 promotes metastasis." Nature (2016). IF ;Mouse&Human. 27487218
- **[IF=9]** Huang Xiaomin. et al. Endothelial DR6 in blood-brain barrier malfunction in Alzheimer’ s disease. CELL DEATH DIS. 2024 Apr;15(4):1-11 IF,WB ;Mouse. 38609388
- **[IF=6.9]** Major Enikő. et al. LPA suppresses HLA-DR expression in human melanoma cells: a potential immune escape mechanism involving LPAR1 and DR6-mediated release of IL-10. ACTA PHARMACOL SIN. 2024 Aug;:1-9 FCM ;Human. 39187677