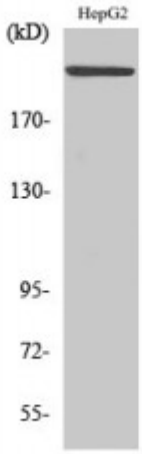
# Anti-MAST205 antibody

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| **Description** | Rabbit polyclonal to MAST205. |

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| **Model** | STJ94023 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Applications** | ELISA, IF, IHC, WB |
| **Immunogen** | Synthesized peptide derived from human MAST205 |
| **Immunogen Region** | 1170-1250 aa, Internal |
| **Gene ID** | 23139 |
| **Gene Symbol** | MAST2 |
| **Dilution range** | WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000 |
| **Specificity** | MAST205 Polyclonal Antibody detects endogenous levels of MAST205 protein. |
| **Tissue Specificity** | Abundant in the testis. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Microtubule-associated serine/threonine-protein kinase 2 |
| **Molecular Weight** | 196 kDa |
| **Clonality** | Polyclonal |

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| **Conjugation** | Unconjugated |
| **Isotype** | IgG |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Concentration** | 1 mg/ml |
| **Storage Instruction** | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| **Database Links** | HGNC:19035OMIM:612257 |
| **Alternative Names** | Microtubule-associated serine/threonine-protein kinase 2 |
| **Function** | Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation . |
| **Cellular Localization** | Cytoplasm, cytoskeleton Cell membrane. Recruited to the sub-membranous area on interaction with CDHR2. |
| **Post-translational Modifications** | Phosphorylated and ubiquitinated. N-terminal ubiquitination leads to degradation of MAST2 by proteasome-mediated proteolysis. N-terminal phosphorylation appears to be a prerequisite for ubiquitination . |