

DDR2 Polyclonal Antibody

Catalog No.	A10060	Category	Polyclonal Antibodies
Applications	WB	Observed MW	110kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	96kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 290-400 of human DDR2 (NP_001014796.1).
Gene ID	4921
Swiss prot	Q16832
Synonyms	DDR2; MIG20a; NTRKR3; TKT; TYRO10; discoidin domain-containing receptor 2

Product information

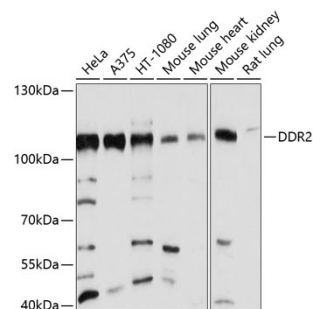
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their microenvironment. These molecules are involved in the regulation of cell growth, differentiation, and metabolism. In several cases the biochemical mechanism by which RTKs transduce signals across the membrane has been shown to be ligand induced receptor oligomerization and subsequent intracellular phosphorylation. This autophosphorylation leads to phosphorylation of cytosolic targets as well as association with other molecules, which are involved in pleiotropic effects of signal transduction. RTKs have a tripartite structure with extracellular, transmembrane, and cytoplasmic regions. This gene encodes a member of a novel subclass of RTKs and contains a distinct extracellular region encompassing a factor VIII-like domain. Alternative splicing in the 5' UTR results in multiple transcript variants encoding the same protein.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - DDR2 Polyclonal Antibody (A10060)