

DOR-1 Rabbit Monoclonal Antibody

Catalog #: EAB21755

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Monoclonal	WB, FC	40	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
FC(Flow Cytometry)	1:10-100

Product Information

Conjugate	Unconjugate
Specificity	DOR-1 Rabbit Monoclonal Antibody detects endogenous levels of DOR-1 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	P41143
Entrez-Gene ID	4985

Product Description

DOR-1 is an Opioid Receptor that is involved in the control of anxiety, depression, and pain. It is a promising target in the therapy of mood-altering disorders and drug addiction. Delta and kappa opioid receptors function synergistically by forming heterodimers. DOR-1 expression has been reported primarily in the brain. High DOR-1 expression has been documented in the cortex, caudate, hippocampus, nucleus accumbens, and putamen; low DOR-1 expression has been identified in the cerebellum, hypothalamus, substantia nigra, and thalamus. DOR-1 expression is reduced in the putamen and amygdala of Alzheimer's patients and in the putamen in Parkinson's disease.

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