

**Cat. No:** AB-83411  
**Conjugate:** Unconjugated  
**Size:** 100 ug  
**Clone:** POLY  
**Concentration:** 1mg/ml  
**Host:** Rb  
**Isotype:** IgG  
**Immunogen:** Recombinant protein of human DDC  
**Reactivity:** Rt, Ms, Hu,  
**Applications:** WB 1:1000  
**Molecular Weight:** 54kDa  
**Purification:** Aff. Pur.

**Background:**

The encoded protein catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in this gene are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD). AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

**Form:** Liquid  
**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  
**Storage:** Store at -20°C. Avoid freeze / thaw cycles

**For Research use only  
IMMUNOLOGICAL SCIENCES**