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# DSP Polyclonal Antibody

**Cat #:** G-AB-01257

**Host:** Rabbit **Reactivity:** Human, Mouse

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
Desmosomes are intercellular junctions that tightly link adjacent cells. Desmoplakin is an obligate component of functional desmosomes that anchors intermediate filaments to desmosomal plaques. The N-terminus of desmoplakin is required for localization to the desmosome and interacts with the N-terminal region of plakophilin 1 and plakoglobin. The C-terminus of desmoplakin binds with intermediate filaments. In the mid-region of desmoplakin, a coiled-coiled rod domain is responsible for homodimerization. Mutations in this gene are the cause of several cardiomyopathies and keratodermas as well as the autoimmune disease paraneoplastic pemphigus.

**Gene ID:**

**Accession #:** NP_004406

**Immunogen:** Synthetic peptide of human DSP

**Conjugation:** Unconjugated

**Swissprot:** P15924

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 0.5 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** IHC,ELISA

**Dilution:** IHC 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.